
APPENDIX C: SOURCE ANALYSIS DATA AND CALCULATIONS

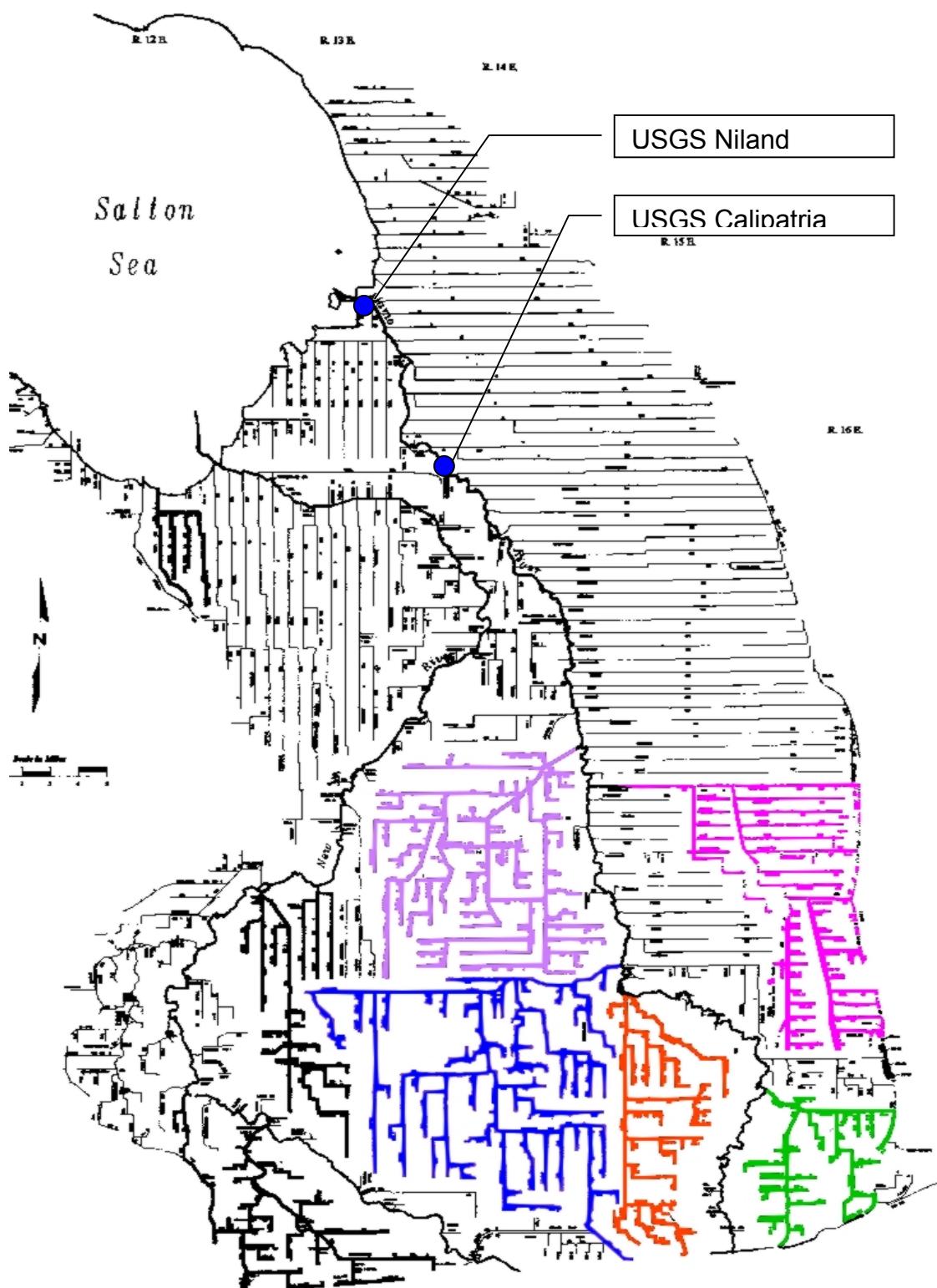


Figure C- 1: Alamo River Watershed

Table C- 1: 1998 Crop Data

CROP	ACRES
ALFALFA (baled)	178,517
Pasture Crops: Alfalfa	107,110
WHEAT	83,882
SUDANGRASS HAY	70,068
SUGAR BEETS	34,258
BERMUDAGRASS HAY	31,774
BERMUDAGRASS SEED	21,865
ALFALFA SEED	19,781
TOTAL HEAD LETTUCE	18,439
Pasture Crops: Sugar Beet Tops	16,642
TOTAL CARROTS	16,416
CERTIFIED SEED	15,459
TOTAL CANTALOPES	14,087
Pasture Crops: Ryegrass	12,710
MISC. FIELD CROPS	10,164
TOTAL ONIONS	9,757
BROCCOLI (Market)	9,589
Pasture Crops: Misc. Pasture	9,459
LEAF LETTUCE	8,018
COTTON (lint)	7,800
COTTON (seed)	7,800
SWEET CORN (Fall & Spring)	6,088
MISC. VEGETABLES	4,953
Asparagus: Harvested	4,548
CAULIFLOWER (Market)	3,313
POTATOES	2,622
ONION SEED	2,256
Lemons: Non-Bearing	2,118
Lemons: Harvested	1,783
WATERMELONS	1,635
HONEYDEW & MISC. MELONS	1,263
MISC. FIELD, VEGETABLE & FLOWER	
SEED CROPS & NURSERY	
PRODUCTS	1,198
CABBAGE (Market)	1,126
SPRING MIX	1,109
Asparagus: New Seeding	1,026
Dates: Harvested	1,003
Grapefruit: Harvested	799
Tomatoes: Market	655
Oranges: Harvested	609
Misc. Citrus, Fruit & Nut Crops:	
Harvested	491
Dates: Non-Bearing	435

CROP	ACRES
Tangerines: Harvested	402
Grapefruit: Non-Bearing	123
Misc. Citrus, Fruit & Nut Crops: Non-Bearing	89
Oranges: Non-Bearing	76
Tangerines: Non-Bearing	30

Table C-1: 1998 Crop Data (cont.)

		%
TOTALS (FIELD CROPS)	416,463	0.71
TOTALS (Vegetables & Melon Crops)	103,618	0.18
TOTALS (Seed Crops & Nursery Products)	60,559	0.10
TOTALS (Fruit & Nut Crops)	5,087	0.01
SUM	585,727	

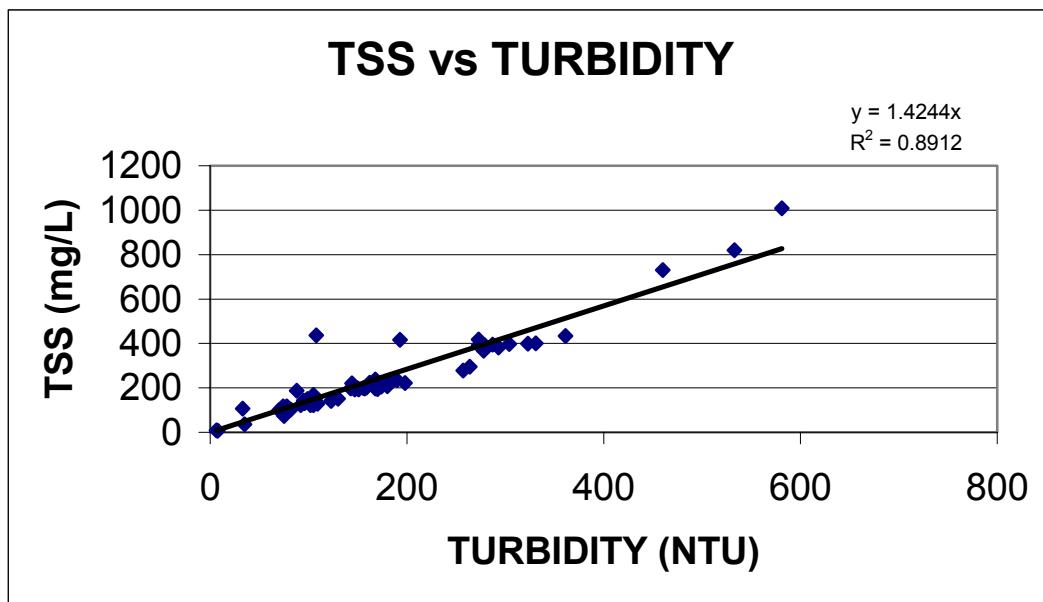


Figure C- 2: TSS/Turbidity Correlation from December 1999 Region 7 Sampling Event

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Table C- 2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed

City of Calipatria												
Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994						80.4	87.9	77.6	81.8	89.0	79.5	79.4
1995	80.1	66.3	62.3	71.2	74.4	72.6	76.8		85.7	88.5	76.2	85.5
1996	82.4	72.0	81.5	75.2	91.3	79.0	84.3	85.8	86.0	82.9	89.4	86.4
1997	86.0	74.7	84.3	82.0	86.4	80.5	92.2	85.4	91.6	96.1	86.7	90.8
1998	87.0	83.6	89.0	84.0	91.5	77.4	94.6	92.6	94.8		86.9	96.7
1999	93.4	84.3	9.1	88.8	90.9	92.9	100.9	98.5		109.4	105.0	105.6
Average	85.8	76.2	65.3	80.2	86.9	80.4	89.5	88.0	88.0	93.2	87.3	90.8
TSS (mg/L)												
1994							10.5	22.0	12.5			
1995	2.5	18.3	21.3	21.3	17.3	42.3	54.3		31.5	39.3	35.3	24.8
1996	39.0	27.3	37.3	37.5	20.0	27.3	44.5	27.5	31.0	39.5	39.8	35.0
1997	33.8	34.3	21.8	51.0	49.5	58.0	44.6	47.8	25.0	24.0		27.9
1998	24.7	23.6	22.3	29.6	50.8	38.8	41.9	43.5	21.4		33.2	39.2
1999	27.8	30.3	13.6	27.0	25.2	31.2	31.1	31.8		19.3	25.3	21.7
Monthly Loading (tons)												
1994							1.3	2.3	1.4			
1995	0.3	1.6	1.8	2.1	1.7	4.2	5.7		3.7	4.7	3.7	2.9
1996	4.4	2.7	4.1	3.8	2.5	2.9	5.1	3.2	3.6	4.5	4.8	4.1
1997	4.0	3.5	2.5	5.7	5.8	6.3	5.6	5.5	3.1	3.1	0.0	3.4
1998	2.9	2.7	2.7	3.4	6.3	4.1	5.4	5.5	2.8	0.0	3.9	5.2
1999	3.5	3.5	0.2	3.3	3.1	3.9	4.3	4.3		2.9	3.6	3.1
Average	3.0	2.8	2.3	3.6	3.9	4.3	4.5	4.2	2.9	3.0	3.2	3.7
Loading	41.50 tons/yr											
Flow	1011.46 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of El Centro

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995	534.7	472.6	521.3	463.1	488.0	585.5	602.2	613.2		437.6		402.4
1996	405.3		406.2	382.1	411.0	387.6	400.5	397.7	407.9	419.5	390.4	395.8
1997	401.5	360.0	394.8	380.2	408.1	379.3	409.1	407.9		427.2	399.6	411.0
1998	406.2	376.4	412.9	383.9	406.2	393.1	406.2	395.9	406.0	411.0	388.5	413.8
1999	411.9	372.1	407.2	369.2	390.1	386.7		385.8	394.0	395.8	377.5	388.2
Average	431.9	395.3	428.5	395.7	420.7	426.5	454.5	440.1	402.6	418.2	389.0	402.2
TSS (mg/L)												
1994												
1995	34.9	30.6	15.2	10.1	12.6	43.0	7.3	6.3		8.4		12.3
1996	15.8		14.6	8.6	11.2	9.1	6.8	11.7	9.8	6.1	10.8	10.0
1997	11.6	9.8	5.2	6.7	7.2	10.7	7.9	8.8		11.5	17.9	10.2
1998	15.2	20.7	15.3	7.9	6.3	12.0	11.0	10.7	11.3	17.6	16.2	17.4
1999	17.3	28.5	22.6	22.4	10.8	13.9		6.6	7.7	11.1	8.8	12.3
Monthly Loading (tons)												
1994												
1995	25.4	19.7	10.8	6.4	8.4	34.2	6.0	5.3		5.0		6.7
1996	8.7		8.1	4.5	6.3	4.8	3.7	6.3	5.4	3.5	5.7	5.4
1997	6.3	4.8	2.8	3.5	4.0	5.5	4.4	4.9		6.7	9.7	5.7
1998	8.4	10.6	8.6	4.1	3.5	6.4	6.1	5.8	6.2	9.8	8.6	9.8
1999	9.7	14.4	12.5	11.2	5.7	7.3	0.0	3.5	4.1	6.0	4.5	6.5
Average	11.7	12.4	8.5	5.9	5.6	11.7	4.0	5.1	5.3	6.2	7.1	6.8
Loading Flow		90.3 tons/yr										
		5005.2 acre-ft/yr										

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of Holtville

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	45.6				46.9	43.8	44.2	44.7	44.0		54.1	47.7
1995	48.0	46.3		47.0	59.2		59.7	56.4	55.7	59.7	52.1	54.5
1996	63.2	65.4	45.7	51.2	38.6	51.0	40.0	35.9	39.8	48.1	60.0	58.3
1997	51.2	44.9	48.5	47.8	51.1	49.3	57.0	49.3	54.4	54.3	52.2	54.0
1998	54.0	48.4	52.8	50.5	50.4	47.7	51.4	52.2	51.5	50.5	48.3	54.1
1999	51.7	43.9	48.6	51.7	53.5	58.0	48.6	55.1	47.0	57.6	47.0	48.6
Average	52.3	49.8	48.9	49.7	49.9	50.0	50.2	48.9	48.7	54.0	52.3	52.9

TSS (mg/L)

1994	14.0				10.0	98.0	8.0		14.0		12.0	12.0
1995	17.8	18.0		23.0	22.0		8.0	11.0	9.0	17.0	21.0	15.0
1996	34.0	11.0	<17	12.0	17.0	16.0	9.0	8.0	8.0	13.0	27.0	16.0
1997	7.0	20.0	17.0	24.0	28.0	26.0	16.0	22.0	17.0	7.1	16.0	14.0
1998	17.0	57.0	12.0	12.0	26.0	20.0	9.0	22.5	11.0	10.7	24.5	27.0
1999	22.0	33.0	16.0	15.0	7.3	7.5	8.0	41.5	3.0	4.0	10.0	15.0

Monthly Loading (tons)

1994	0.9				0.6	5.8	0.5		0.8		0.9	0.8
1995	1.2	1.1		1.5	1.8		0.6	0.8	0.7	1.4	1.5	1.1
1996	2.9	1.0		0.8	0.9	1.1	0.5	0.4	0.4	0.8	2.2	1.3
1997	0.5	1.2	1.1	1.6	1.9	1.7	1.2	1.5	1.3	0.5	1.1	1.0
1998	1.2	3.8	0.9	0.8	1.8	1.3	0.6	1.6	0.8	0.7	1.6	2.0
1999	1.5	2.0	1.1	1.1	0.5	0.6	0.5	3.1	0.2	0.3	0.6	1.0
Average	1.4	1.8	1.0	1.1	1.3	2.1	0.7	1.5	0.7	0.8	1.3	1.2

Loading 14.8 tons/yr
 Flow 607.5 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

City of Imperial	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Flow (acre-ft)	1994											
	1995											
1996	56.3	48.2	51.1	52.1	48.2	50.4	52.9	55.2	56.3	59.4		
1997	58.5	50.9	55.1	51.6	60.6	55.7	52.9	51.6	60.9	57.0	54.3	57.8
1998	57.2	53.2	57.0	51.6	54.5	52.8	57.5	54.0	59.9	61.4	59.9	59.0
1999	59.4	56.9	61.0	56.9	58.4	55.1	54.7	53.5	57.3	57.6	57.5	58.5
Average	57.8	52.3	56.0	53.1	55.4	53.5	54.5	53.6	58.6	58.8	57.3	58.4
TSS (mg/L)	1994											
	1995											
1996	4.0		3.5	4.4	3.5	3.1	2.4	8.9	3.4	2.8		5.0
1997	3.6	5.7	5.3	4.0	1.8	2.0	3.0	3.6	2.7	2.7	3.0	2.5
1998	3.6	7.3	5.6	6.0	5.5	5.2	3.0	4.7	17.2	2.8	6.8	6.6
1999	7.6	5.3	3.3	3.2	2.5	3.2	3.0	4.0	6.7	7.1	5.8	7.7
Monthly Loading (tons)	1994											
	1995											
1996	0.3		0.2	0.3	0.2	0.2	0.2	0.7	0.3	0.2		
1997	0.3	0.4	0.4	0.3	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2
1998	0.3	0.5	0.4	0.4	0.4	0.4	0.2	0.3	1.4	0.2	0.6	0.5
1999	0.6	0.4	0.3	0.2	0.2	0.2	0.2	0.3	0.5	0.6	0.5	0.6
Average	0.4	0.4	0.3	0.3	0.2	0.2	0.2	0.4	0.6	0.3	0.4	0.4
Loading	4.3 tons/yr											
Flow	669.4 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Heber Public Utilities Comm												
Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	29.7	28.2	3.4	33.9	36.9	34.1	34.1	33.1				
1995												
1996						49.8	53.3	51.1		49.7	48.8	48.2
1997	48.4	36.8	42.1	44.6	42.3	40.9	49.4	37.1	37.0	35.1	35.7	19.7
1998	16.5	28.2	34.9	33.1	37.5	35.7	42.4	37.7	35.2	34.8	35.5	29.7
1999	29.7	28.0								36.6	37.3	31.5
Average	31.1	30.3	26.8	37.2	38.9	40.1	44.8	39.7	36.1	39.1	39.3	32.3
TSS (mg/L)												
1994	3.5	3.9	4.5	6.5	4.3	3.0	2.0	2.2				
1995								2.9	5.6	11.5	20.0	12.7
1996	8.6	5.3	3.2	9.2	3.9	5.2	4.7	6.4	4.8	4.5	7.7	8.3
1997	22.8	21.9	13.0	6.3	4.8	5.3	5.0	8.7	6.6	8.3	4.3	9.5
1998	12.4	7.2	11.8	7.1	9.2	5.5	6.8	4.9	9.0	5.4	11.5	9.8
1999	9.5	12.4	4.8	5.6	5.5	2.9	5.7	7.2	1.8	7.5	3.2	7.2
Monthly Loading (tons)												
1994	0.1	0.1	0.0	0.3	0.2	0.1	0.1	0.1				
1995												
1996						0.4	0.3	0.4		0.3	0.5	0.5
1997	1.5	1.1	0.7	0.4	0.3	0.3	0.3	0.4	0.3	0.4	0.2	0.3
1998	0.3	0.3	0.6	0.3	0.5	0.3	0.4	0.3	0.4	0.3	0.6	0.4
1999	0.4	0.5								0.4	0.2	0.3
Average	0.6	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.4
Loading	4.5tons/yr											
Flow	435.7 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Imperial Community College

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994						2.59		3.72	3.96	4.31	2.98	2.27
1995	2.87	2.93		2.13	2.07		1.24	2.12	2.56	2.30	2.38	1.95
1996	2.12	3.04	3.48	3.75	3.60	2.98	3.75	5.37	5.18	4.80	3.65	3.81
1997	3.10	2.90	2.79	0.00	2.92	2.24	3.30	2.97	4.07	3.57	2.64	2.22
1998	1.64	1.73	2.33	2.45	2.62	2.94	3.04	2.95	3.12	3.24	2.75	1.98
1999	2.03	2.36	4.06	2.74	3.74	3.51	3.98	3.85	4.20	4.13	3.66	
Average	2.35	2.59	3.16	2.21	2.99	2.85	3.06	3.50	3.85	3.73	3.01	2.45
TSS (mg/L)												
1994						7.00		13.00	7.00	9.00	5.00	7.00
1995	5.00	5.00		5.00	2.00		11.00	10.00	9.00	7.00	4.00	3.00
1996	7.00	>4	>3	<3	4.00	4.00	6.00	6.00	7.00	3.00	5.00	8.00
1997	6.00	7.00	4.00	5.00	4.00	5.00	6.00	5.00	5.00	8.00	10.00	5.00
1998	8.00	5.00	8.00	7.00	11.00	6.00	6.00	5.00	5.00	2.00	5.00	8.00
1999	21.00	7.00	4.00	6.95	7.13	5.00	5.00	3.00	6.00	3.00	3.00	
Monthly Loading (tons)												
1994						0.02		0.07	0.04	0.05	0.02	0.02
1995	0.02	0.02		0.01	0.01		0.02	0.03	0.03	0.02	0.01	0.01
1996	0.02				0.02	0.02	0.03	0.04	0.05	0.02	0.02	0.04
1997	0.03	0.03	0.02	0.00	0.02	0.02	0.03	0.02	0.03	0.04	0.04	0.02
1998	0.02	0.01	0.03	0.02	0.04	0.02	0.02	0.02	0.02	0.01	0.02	0.02
1999	0.06	0.02	0.02	0.03	0.04	0.02	0.03	0.02	0.03	0.02	0.01	
Average	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.02	0.02
Loading	0.29 tons/yr											
Flow	35.75 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Sunset Mutual Water Co.

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994					1.24	1.59	0.76	1.25	1.39	1.99		
1995	2.43	3.74	3.62	3.50	3.62	3.50	3.62	4.48	4.51	4.09	3.00	
1996	4.48	4.12	4.56	4.53	4.78	3.99	3.42	3.70	4.74	3.80	2.97	2.38
1997	2.46	2.79	3.11	2.86	3.36	2.85	3.20	3.22	3.90	3.01	2.51	3.22
1998	2.81	2.39	2.96	2.71	2.91	3.40	3.75	3.68	3.62	4.94	4.72	4.98
1999	4.34	3.92	4.20	3.72	3.57	5.00	3.57	5.01	3.47	4.93		
Average	3.31	3.39	3.69	3.46	3.25	3.39	3.05	3.56	3.60	3.79	3.30	3.53
TSS (mg/L)												
1994					15.00	6.00	5.00	6.00	6.00	8.00		5.00
1995	5.00	3.00	4.00	4.00	5.00	6.00	6.00	6.00	5.00	3.00	9.00	
1996	7.00	24.00	13.00	4.00	12.00	5.00	5.00	4.00	4.00	4.00	4.00	6.00
1997	4.00	14.00	6.00	6.00	7.00	6.00	6.00	4.00	5.00	13.00	8.00	7.00
1998	9.00	5.00	6.00	10.00	5.00	10.00	9.00	7.00	5.00	18.00	8.00	4.00
1999	10.00	13.00	10.00	15.00	6.00	5.00	11.00	5.00	7.00	12.00		
Monthly Loading (tons)												
1994					0.03	0.01	0.01	0.01	0.01	0.02		0.00
1995	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.04	0.03	0.02	0.04	
1996	0.04	0.13	0.08	0.02	0.08	0.03	0.02	0.02	0.03	0.02	0.02	0.02
1997	0.01	0.05	0.03	0.02	0.03	0.02	0.03	0.02	0.03	0.05	0.03	0.03
1998	0.03	0.02	0.02	0.04	0.02	0.05	0.05	0.03	0.02	0.12	0.05	0.03
1999	0.06	0.07	0.06	0.08	0.03	0.03	0.05	0.03	0.03	0.08		
Average	0.03	0.06	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.05	0.03	0.02
Loading	0.42tons/yr											
Flow	41.32acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Country Life Mobile Home Park

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995												
1996												
1997												3.62
1998	3.52	3.18	3.67	3.96	4.09	3.87	4.09	3.87	3.96	3.90	4.05	4.09
1999	3.81	3.61	4.09	4.14	4.19	4.24	4.76	4.51	3.77	4.47	4.24	4.28
Average	3.66	3.39	3.88	4.05	4.14	4.05	4.42	4.19	3.87	4.19	4.14	4.00
<hr/>												
TSS (mg/L)												
1994												
1995												
1996												
1997												7
1998	6.4	5.1	4	3	3	3	5	4	4	3.39	2.4	3
1999	5	7	10	11	6	5	7	3	8	3	7	6
<hr/>												
Monthly Loading (tons)												
1994												
1995												
1996												
1997												0.03
1998	0.03	0.02	0.02	0.02	0.02	0.02	0.03	0.02	0.02	0.02	0.01	0.02
1999	0.03	0.03	0.06	0.06	0.03	0.03	0.05	0.02	0.04	0.02	0.04	0.03
Average	0.03	0.03	0.04	0.04	0.03	0.02	0.04	0.02	0.03	0.02	0.03	0.03
Loading Flow	0.34 tons/yr 47.98 acre-ft/yr											

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Heber Geothermal

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	285.4	240.6	237.8	257.8	0.0	0.0	0.0	0.0	382.1	380.5	0.0	0.0
1995	271.1	214.8	209.3	193.3	256.9	242.4	299.2	346.7	336.0	379.6	219.1	257.2
1996	273.5	182.8	253.3	255.7	253.8	239.9	298.6	315.7	285.2	172.4	257.8	247.4
1997	239.0	217.0	282.1	262.5	280.6	260.5	315.5	324.1	317.3	267.4	241.5	265.6
1998	251.3	240.8	257.2	245.4	276.6	329.9	329.2	346.2	272.7	191.0	219.9	96.7
1999	233.3	204.4	227.4	237.9	302.7	317.3	354.6	342.1	318.4	250.3	241.4	240.5
Average	258.9	216.7	244.5	242.1	228.4	231.6	266.2	279.1	318.6	273.5	196.6	184.6

TSS (mg/L)

1994	1	3	6.6	10.3					6	2		
1995	7.4	5.8	1.2	1	1	1	1	1	7.4	8	7	
1996	3.6	15	7.3	6	9.5	6.7	9.6	7.2	3.8	3.4	2.5	1.6
1997	1	1.75	3	1.2	1.75	2	1	2	1	2	3	4
1998	3.6	15	7.3	6	9.5	6.7	9.6	7.2	3.8	3.4	2.5	1.6
1999	7.4	5.8	1.2	1	1	1	1	1	7.4	8	7	

Monthly Loading (tons)

1994	0.4	1.0	2.1	3.6					3.1	1.0		
1995	2.7	1.7	0.3	0.3	0.3	0.3	0.4	0.5	0.5	3.8	2.4	2.4
1996	1.3	3.7	2.5	2.1	3.3	2.2	3.9	3.1	1.5	0.8	0.9	0.5
1997	0.3	0.5	1.2	0.4	0.7	0.7	0.4	0.9	0.4	0.7	1.0	1.4
1998	1.2	4.9	2.6	2.0	3.6	3.0	4.3	3.4	1.4	0.9	0.7	0.2
1999	2.3	1.6	0.4	0.3	0.4	0.4	0.5	0.5	2.5	2.6	2.3	
Average	1.4	2.2	1.5	1.5	1.7	1.3	1.9	1.7	1.4	1.6	1.5	1.4

Loading 19.1 tons/yr
 Flow 2941.0 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

EI Centro Steam Plant

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	32.3	27.0	24.9	19.1	20.4			26.7	23.8	22.4		
1995	19.9	15.1	15.5	15.6	36.0	49.4	20.9	17.5	18.6	21.6	2.8	4.7
1996	2.6	16.2	2.5	12.1	12.5	27.1	51.7	63.8	13.5	15.9	23.5	13.3
1997	4.6	40.9	1.2	5.1	24.0	20.5	26.1	37.0	23.6	20.2	9.3	2.5
1998	2.5	2.2	2.5	3.6	11.2	21.2	31.9	37.4	28.1	20.7	15.9	13.7
1999	2.5	38.3	2.5	2.4	15.4	39.0	35.2	39.0	31.4	26.3	11.6	6.3
Average	10.7	23.3	8.2	9.6	19.9	31.5	33.2	36.9	23.2	21.2	12.6	8.1

TSS (mg/L)

1994	20.0	30.0	20.0	20.0	22.5			10.0	20.0	0.01		
1995	11.7	15.0	11.25	16.25	6.0	11.25	12.5	12	11.25	7.5	11.0	2.25
1996	7.0	8.75	1.25	11.0	7.5	6.25	6.0	6.25	8.0	7.0	7.5	5.0
1997	5.0	2.5	5.0	6.0	5.0	6.666	6.25	6.25	5.0	6.0	5.0	5.0
1998	5.0	6.25	6.0	5.0	1.81	2.9	5.25	3.5	6.75	9.75	6.93	9.9
1999	2.5	2.125	3.7	3.0	6.125	5.4	7.37	9.875	27.73	12.58	15.5	15.1

Monthly Loading (tons)

1994	0.88	1.10	0.68	0.52	0.62			0.36	0.65	0.00		
1995	0.32	0.31	0.24	0.34	0.29	0.76	0.35	0.28	0.28	0.22	0.04	0.01
1996	0.02	0.19	0.00	0.18	0.13	0.23	0.42	0.54	0.15	0.15	0.24	0.09
1997	0.03	0.14	0.01	0.04	0.16	0.18	0.22	0.31	0.16	0.16	0.06	0.02
1998	0.02	0.02	0.02	0.02	0.02	0.08	0.23	0.18	0.26	0.27	0.15	0.18
1999	0.01	0.11	0.01	0.01	0.13	0.29	0.35	0.52	1.18	0.45	0.24	0.13

Average 0.21 0.31 0.16 0.19 0.23 0.31 0.31 0.37 0.45 0.21 0.15 0.09

Loading 2.98 tons/yr
Flow 238.29 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

New Charleston Power Plant 1

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	9.4	1.4	1.8	4.8	8.7	6.9	11.0	10.6	11.4	10.6	8.5	7.8
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1997	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1998	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1999	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Average	1.6	0.2	0.3	0.8	1.4	1.2	1.8	1.8	2.3	2.1	1.4	1.3

TSS (mg/L)

1994	15	14.5	22.1	23.8	22.1	20.4	27.4	36	57.4	48.4
1995										
1996										
1997										
1998										
1999										

Monthly Loading (tons)

1994	0.03	0.03	0.14	0.28	0.21	0.30	0.42	0.52	0.66	0.52
1995										
1996										
1997										
1998										
1999										

Average	0.0	0.0	0.1	0.3	0.2	0.3	0.4	0.5	0.7	0.5
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Loading 3.11 tons/yr
 Flow 16.21 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

Star Group 1A

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1995	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.1	51.4	53.2	46.7	47.6
1996	52.7	45.6	44.5	50.2	54.5	57.4	54.7	54.7	54.3	57.6	53.4	55.2
1997	49.7	42.7	46.1	41.1	52.1	51.9	55.2	0.0	49.0	52.9	49.1	48.8
1998	41.0	35.7	39.5	40.4	44.1	48.5	48.4	48.4	47.6	45.6	39.4	31.5
1999	35.8	36.7	42.0	38.1	41.4	41.6	40.6	41.4	40.6	23.2	38.5	39.6
Average	29.9	26.8	28.7	28.3	32.0	33.2	33.1	32.9	40.5	38.7	37.9	37.1

TSS (mg/L)

1994												
1995												
1996	20	30	22.5	30	27	28	30	30	30	28	20	24
1997	25	28	27.5	26	28	30	28		20	30	23	26
1998	25	30	30	28	25	28	30	27.5	28	30	25	28
1999	58	25	28	23	22.5	30	30	28	30	28	30	25

Monthly Loading (tons)

1994												
1995												
1996	1.4	1.9	1.4	2.0	2.0	2.2	2.2	2.2	2.2	2.2	1.5	1.8
1997	1.7	1.6	1.7	1.5	2.0	2.1	2.1		1.3	2.2	1.5	1.7
1998	1.4	1.5	1.6	1.5	1.5	1.8	2.0	1.8	1.8	1.9	1.3	1.2
1999	2.8	1.2	1.6	1.2	1.3	1.7	1.7	1.6	1.7	0.9	1.6	1.3

Average

1.8 1.5 1.6 1.6 1.7 2.0 2.0 1.8 1.8 1.8 1.5 1.5

Loading

20.49 tons/yr

Flow

399.17 acre-ft/yr

Table C-2: Monthly Self Monitoring Report Data for NPDES Permitted Facilities in the Alamo River Watershed (cont.)

IID Grass Carp Hatchery

Flow (acre-ft)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994												
1995	12.8	11.6	17.4				15.4	13.5	13.1	12.2	11.0	9.5
1996	7.3	6.5	0.0	8.8	11.9	14.7	7.6	14.7	14.7	14.3	13.8	9.5
1997	9.5	4.3	4.8	11.5	11.5	9.8	10.8	9.8	9.5	10.4	10.4	9.5
1998	8.6	8.7	11.3	7.2	8.2	7.9	8.1	8.5		7.8	8.8	
1999	8.6	4.8	8.7	5.8	6.9	6.7	8.8	8.8	8.7	8.3	6.7	7.2
Average	9.4	7.2	8.4	8.3	9.6	9.8	10.1	11.1	11.5	11.3	10.0	8.9
TSS (mg/L)												
1994												
1995	7.8	9.8	13.8				317	142.3	15.5	58.3	73.8	15
1996	50.5	75		37.3	144.8	27.8	16.5	76.3	65	106.8	43.3	34
1997	46.8	16.3	101.3	64.8	33	24	62.4	34	31	9.1	25	13.3
1998	6.8	19.8	105	14.3	18.8	53.5	50.8	46.3	51.5		65	133.5
1999	91.5	94	109.3	25	144.5	109	201.8	17.3	923	216	84.3	69
Monthly Loading (tons)												
1994												
1995	0.1	0.2	0.3				6.6	2.6	0.3	1.0	1.1	0.2
1996	0.5	0.7		0.4	2.3	0.6	0.2	1.5	1.3	2.1	0.8	0.4
1997	0.6	0.1	0.7	1.0	0.5	0.3	0.9	0.5	0.4	0.1	0.4	0.2
1998	0.1	0.2	1.6	0.1	0.2	0.6	0.6	0.5		0.7	1.6	
1999	1.1	0.6	1.3	0.2	1.4	1.0	2.4	0.2	11.0	2.4	0.8	0.7
Average	0.5	0.4	1.0	0.4	1.1	0.6	2.1	1.1	3.2	1.4	0.7	0.6
Loading Flow	13.18 tons/yr 115.59 acre-ft/yr											

Table C- 3: Alamo River Outlet TSS Data.

Alamo River Outlet (mg/L)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
IID	1994											
	1995											
	1996	230	340	340	350	290	260	170	220	430	280	370
	1997	330	290	320	330	340	290	360	290	390	300	360
	1998	280	140	330								230
	1999											399
	Mean	280	257	330	340	315	275	265	255	410	290	365
												293
TMD²	1980		124					457		386		379
	1981											
	1982								272		348	
	1983			3040		368			363			
	1984								386		992	
	1985		76		528					258		168
	1986			550		440			330			352
	1987			498			260		355			312
	1988		416			321			344		307	
	1989		377			420			416		371	
	1990	439			374		362				468	
	1991			104				283				
	1992	329										
	1993											
Region 7¹	1999											399
	2000			456								
Summary	Mean	322	252	705	396	363	293	318	331	366	349	480
												299

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 4: Alamo River at the International Boundary TSS Data

International Boundary (mg/L)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
TMD²	1980	70					151		196				
1981													
1982													
1983													
1984													
1985													
1986									70			31	
1987			97			150		155				45	
1988		34				58		101			16.5		
1989	30.5				150			45		78			
1990	36			86.4	21					81			
1991			37.4				55.6						
1992	67												
1993					64								
Mean	51	34	67	86	78	104	103	100	133	80	17	38	
Region 7¹				16.3									
Summary	Mean	51	34	50	86	78	104	103	100	133	80	17	38

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Central Drain														
TMD²	1980		90					304		265			160	
	1981													
	1982								452		472			
	1983			430		460			514					
	1984								428			161		
	1985		121		668					264			45	
	1986			766		484			318				202	
	1987			1216			230		281				262	
	1988		511			471			284			194		
	1989		567			255			407		116			
	1990	156			359		433				305			
	1991			314				160						
	1992	249												
	1993													
	Mean		203	322	682	514	418	332	232	383	265	298	178	167
Region 7¹	1999												202	
	2000				348									
Summary	Mean	203	322	615	514	418	332	232	383	265	298	178	174	
Holtville Main Drain														
IID	1994													
	1995													
	1996	110	120	150	170	220	160	140	190	440	110	190	350	
	1997	190	150	180	150	210	190	220	180	110	110	100	85	
	1998	180	110	220										
	1999												128	
	Mean		160	127	183	160	215	175	180	185	275	110	145	188
TMD²	1980													

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1981												
	1982												
	1983												
	1984												
	1985												
	1986												
	1987												
	1988										187		
	1989											127	
	1990	205			332			47				287	
	1991			170					226				
	1992	201											
	1993					106							
Region 7¹													128.2
	1999												
	2000			173.0									
Summary	Mean	177	127	179	217	179	132	195	185	246	159	145	173
Rose Drain	1999												154.8
Region 7¹	2000			277									
South Central Drain													
IID	1994												
	1995												
	1996	580	450	200	380	300	300	190	120	250	320	240	360
	1997	370	370	550	640	190	370	450	320	210	230	330	200
	1998	480	160	310									
	1999												230
	Mean	477	327	353	510	245	335	320	220	230	275	285	263

Table C- 5: Major Drain TSS Data

Major Drain (mg/L)	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Region 7¹	1999												230.00
	2000			440.00									
Summary	Mean	477	327	375	510	245	335	320	220	230	275	285	255
Verde Drain													
Region 7¹	1999												150
	2000			206									
Overall Average		272	265	372	386	300	247	241	318	247	231	203	192

1 – Region 7 Sampling Event 12/99

2 – Region 7 Trend Monitoring Data

Table C- 6: Minor Drain TSS Data

Sample Location	Date	TSS (mg/L)
Vail 2 Drain	12/8/99	169
N Drain	12/10/99	367
Werez Drain	12/9/99	128
I Drain	12/10/99	73
Orita Drain	12/9/99	1008
Nectarine Drain	12/10/99	36
Standard Drain	12/9/99	820
Jones Drain	12/9/99	9
Magnolia Drain	12/9/99	296
Munyon Drain	12/9/99	434
Orient Drain	12/9/99	416
Pepper Drain	12/9/99	278
Warren Drain	12/9/99	7
Palmetto Drain	12/9/99	222
Plum Drain	3/3/00	696
Palm Drain	3/3/00	138
Olive Drain	3/3/00	194
Orange Drain	3/3/00	204
Orita Drain	3/3/00	420
Moss Drain	3/3/00	135
Mullen Drain	3/3/00	1460
Malva Drain	3/3/00	197
Standard Drain	3/3/00	575
Nectarine Drain	3/3/00	240
Warren Drain	3/28/00	107
Plum Drain	3/28/00	1428
Pepper Drain	3/28/00	47
Oasis Drain	3/28/00	823
Olive Drain	3/28/00	900
Ohmar Drain	3/28/00	114
Orita Drain	3/28/00	247
Mesquite Drain	3/28/00	1207
Myrtle Drain	3/28/00	692
Malva Drain	3/28/00	360
Standard Drain	3/28/00	218
Nectarine Drain	3/28/00	99
C Drain	3/28/00	478
E Drain	3/28/00	505
Average		441

Table C- 7: February 3, 2000 - Dredging Effects on TSS

Sample Location	TSS (mg/L)
200 Yards Downstream of Dredging	5950
200 Yards Downstream of Dredging	5210
200 Yards Downstream of Dredging	5380
Average	5513
100 Yards Upstream of Dredging	41
100 Yards Upstream of Dredging	29
100 Yards Upstream of Dredging	29
Average	33

Table C- 8: Alamo River At International Boundary Loading Contribution

Flows (acre-ft)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Flow
1994	122.0	128.0	133.0	131.0	172.0	156.0	167.0	184.0	135.0	133.0	142.0	141.0	1744.0
1995	137.0	130.0	161.0	147.0	154.0	154.0	142.0	117.0	86.0	0.0	5.0	0.0	1233.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	135.6	125.0	153.0	201.0	167.0	214.0	995.6
1997	123.0	111.1	123.0	200.1	216.8	106.1	124.0	110.7	55.1	152.1	153.5	88.5	1564.0
1998	116.4	128.5	140.8	107.3	131.5	112.9	121.2	104.9	97.4	109.3	131.1	141.8	1443.1
1999	142.4	133.9	142.2	154.9	153.3	139.4	161.5	106.3	105.5	128.9	150.3	115.2	<u>1633.8</u>
												Average	1435.6
TSS	50.9	34.0	67.2	86.4	78.3	104.0	103.3	100.3	133.0	79.5	16.5	38.0	

Loading (acre-ft*mg/L)

	Tons/year												
1994	6206.8	4352.0	8937.6	11318.4	13473.3	16224.0	17251.1	18461.3	17955.0	10573.5	2343.0	5358.0	180.1
1995	6969.9	4420.0	10819.2	12700.8	12063.3	16016.0	14668.6	11739.0	11438.0	0.0	82.5	0.0	137.2
1996	0.0	0.0	0.0	0.0	0.0	0.0	14004.0	12541.7	20349.0	15979.5	2755.5	8132.0	100.3
1997	6257.6	3777.4	8265.6	17288.6	16982.7	11034.4	12809.2	11106.9	7328.3	12092.0	2532.8	3363.0	153.4
1998	5921.9	4369.0	9461.8	9270.7	10300.8	11741.6	12520.0	10525.0	12954.2	8689.4	2163.2	5388.4	140.5
1999	7244.6	4552.6	9555.8	13383.4	12008.5	14497.6	16683.0	10665.4	14031.5	10247.6	2480.0	4375.7	<u>162.8</u>
												Average	145.7

Table C- 9: Major Drain Gauged Flows

Site/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain Drop 2												
1994	4693.0	4157.0	6252.0	7899.0	7399.0	5972.0	6935.0	7068.0	6492.0	6522.0	5425.0	4865.0
1995	3887.0	4939.0	7464.0	7668.0		7120.0	7105.0	6837.0	5662.0	5493.0	4554.0	4659.0
1996	4949.8	4955.6	6874.4	7351.8	6766.3	6720.1	7010.3	6804.6	5758.7	5866.2	4846.5	5121.6
1997	4384.3	5575.4	7718.2	7547.0	7657.1	6836.5	7496.4	7406.2	6194.9	5925.7	5114.6	4324.0
1998	5244.2	3933.3	7274.3	7580.9	7279.6	6449.2	7190.0	6483.9	5292.8	6033.0	5175.3	4958.9
1999	4967.8	4730.0	6209.9	7196.3	6440.6	5431.8	5001.6	5935.8	5114.5	5073.0		
Mean	4687.7	4715.1	6965.5	7540.5	7108.5	6421.6	6789.7	6755.9	5752.5	5818.8	5023.1	4785.7
Std Dev	487.9	595.1	632.3	245.2	494.4	621.5	897.3	505.1	523.3	493.2	333.3	307.5
CV	0.10	0.13	0.09	0.03	0.07	0.10	0.13	0.07	0.09	0.08	0.07	0.06
Holtville Main Drain												
1994	5306.0	4580.0	6911.0	8446.0	8077.0	7640.0	7617.0	7597.0	6452.0	7246.0	6276.0	5451.0
1995	3715.0	4532.0				7016.0	6974.0	6555.0	5714.0	6841.0	6292.0	5966.0
1996	5952.5	6128.4	7701.5	8020.5	7778.1	7118.0	7170.0	6787.7	6412.9	7926.3	6971.8	6437.1
1997	5671.6	6239.7	7432.2	8246.8	8001.4	7008.9	7357.4	7112.6	6425.2	7168.0	6971.2	6099.3
1998	5585.1	4453.4	7309.8	7719.6	8311.1	6930.2	7376.8	6766.7	6349.2	7657.9	6965.7	6463.0
1999	6396.4	5651.4	7682.1	7711.8	7710.1	6799.0	6693.9	5850.5	6008.4	7573.2		
Mean	5437.8	5264.2	7407.3	8028.9	7975.5	7085.4	7198.2	6778.3	6227.0	7402.1	6695.3	6083.3
Std Dev	921.5	837.9	323.5	323.2	241.4	291.7	328.0	581.9	300.1	390.8	375.6	413.3
CV	0.17	0.16	0.04	0.04	0.03	0.04	0.05	0.09	0.05	0.05	0.06	0.07
Rose Drain												
1994		4651.0	6757.0	8276.0	7168.0		7035.0		6667.0	6898.0	4945.0	4824.0
1995	3971.0		6945.0	7117.0	6512.0	6685.0	6414.0	6570.0	6597.0		5258.0	4030.0
1996	3963.8	4283.2	5860.8	6660.6	7168.2	5814.2	5436.6	5524.4	4846.9	5789.4	4563.2	4724.3
1997	4559.1	4545.6	5981.4	6438.4	6472.0	5669.8	6646.1	6594.3	6195.3	5643.3	5287.6	4817.7
1998	4575.7	4085.0	6826.6	7154.1	6942.4	6389.8	6578.9	6949.8	6113.5	6436.1	4871.5	4248.3
1999	4506.3	4607.1	6749.5	6428.1	7698.6	6354.5	6336.9	5614.1	5496.5	4887.7		
Mean	4315.2	4434.4	6520.1	7012.4	6993.5	6182.7	6407.9	6250.5	5986.0	5930.9	4985.1	4528.9
Std Dev	318.5	241.9	470.8	696.0	461.4	425.3	534.4	640.6	697.8	771.6	299.4	366.2
CV	0.07	0.05	0.07	0.10	0.07	0.07	0.08	0.10	0.12	0.13	0.06	0.08
South Central Drain												
1994	1956.0	1626.0	2485.0		2870.0				2216.0	2450.0	2136.0	1986.0
1995												
1996	2014.2	1871.6	2951.6	2958.6	2725.1	2339.5	2331.0	2297.1	2006.3	2344.1	2211.4	2131.7
1997	1743.9	1790.5	2629.5	2918.3	2883.2	2327.8	2368.7	2339.3	2189.6	2207.6	2311.2	1822.8
1998	1576.3	1328.9	2540.7	2985.8	2922.5	2446.4	2324.7	2003.1	1918.4	2300.1	1943.8	1755.0
1999	2000.4	1712.0	2055.1	2379.8	2766.4	2213.0	2430.8	1860.1	1684.6	2376.4		
Mean	1858.2	1665.8	2532.4	2810.6	2833.4	2331.7	2363.8	2124.9	2003.0	2335.6	2150.6	1923.9
Std Dev	191.5	209.2	322.2	288.6	83.6	95.4	48.7	231.4	217.2	90.1	155.4	169.1
CV	0.10	0.13	0.13	0.10	0.03	0.04	0.02	0.11	0.11	0.04	0.07	0.09

Table C- 9: Major Drain Gauged Flows

Site/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Verde Drain												
1994		2095.0	2298.0	3244.0	3012.0	2756.0	2717.0	2578.0		4623.0	2641.0	2356.0
1995												
1996	2013.6	1952.8	2967.9	2872.3	2937.2	2206.0	2119.6	2129.1	2072.6	2936.6	2474.8	2125.7
1997	2043.4	1874.2	2068.6	2666.2	2542.6	1943.0	1919.6	1747.5	1931.1	2474.2	2587.7	2270.5
1998	2036.7	1763.3	2484.7	2699.3	2857.8	1785.3	2421.3	1764.1	1740.3	2052.7	2223.7	2148.5
1999	2102.7	2019.4	2092.2	2143.4	2243.3	1848.2	2070.6	1208.3	1234.1	1591.6		
Mean	2049.1	1940.9	2382.3	2725.0	2718.6	2107.7	2249.6	1885.4	1744.5	2735.6	2481.8	2225.2
Std Dev	37.9	128.5	368.5	397.9	320.2	396.3	318.5	507.8	366.5	1166.8	185.5	107.9
CV	0.02	0.07	0.15	0.15	0.12	0.19	0.14	0.27	0.21	0.43	0.07	0.05

Table C- 10: Irrigation Deliveries To Major Drain Area of Influence

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain System												
1994	7187.9	6816.3	14928.1	21074.1	18096.8	19692.0	20741.2	18730.5	13701.6	13267.6	8278.4	6224.6
1995	1038.8	9048.3	16868.2	18632.8	19695.9	20621.9	21551.3	19435.1	12845.6	12885.1	7806.9	7777.1
1996	8966.0	10432.3	17330.9	20641.2	20494.3	19902.3	21434.0	18802.2	12779.0	13443.3	8301.8	8730.3
1997	6659.8	11546.4	17194.3	20880.0	19453.8	21104.0	22098.5	19560.2	10355.8	11019.2	8865.0	5464.4
1998	7741.7	5281.9	15820.1	19410.9	19923.5	18850.4	22349.6	17523.7	12984.5	13391.2	8744.7	8199.2
1999	7973.3	9241.2	15195.7	18159.3	19796.8	18863.7	17539.0	15252.2	12513.8			
Mean	7705.7	9416.9	16222.9	19799.7	19576.9	19839.1	20952.3	18217.3	12530.0	12801.3	8399.4	7279.1
STDEV	869.4	2312.8	1047.1	1241.2	803.8	912.9	1763.6	1622.6	1137.4	1019.9	421.7	1378.9
CV	0.11	0.25	0.06	0.06	0.04	0.05	0.08	0.09	0.09	0.08	0.05	0.19
Holtville Drain System												
1994	9591.6	7718.2	16548.4	22697.8	21623.1	23037.9	22321.3	19437.8	15191.5	16100.3	10766.2	7388.6
1995	2365.9	8688.8	19155.2	19996.3	22148.6	21399.3	21719.0	17247.2	15345.7	15469.3	11322.9	8722.1
1996	9984.5	11933.3	17765.7	21985.1	21378.4	19239.6	19403.9	16757.3	13846.4	16361.7	12563.3	10258.6
1997	8427.9	13413.8	16701.9	22470.2	21799.8	20694.5	22040.1	19021.7	13048.3	15725.5	10995.3	8077.3
1998	8807.4	4778.2	17332.0	19240.8	22163.0	19818.2	20963.5	15991.1	14729.2	16082.6	11566.9	9718.6
1999	10394.4	10908.8	16551.6	18275.5	18275.5	18493.1	16679.7	14381.0	14666.8			
Mean	9441.2	10532.6	17342.5	20777.6	21231.4	20447.1	20521.3	17139.3	14471.3	15947.9	11442.9	8833.0
STDEV	814.7	3140.7	1013.1	1857.0	1479.5	1634.1	2153.3	1892.6	872.2	350.4	697.0	1171.1
CV	0.09	0.30	0.06	0.09	0.07	0.08	0.10	0.11	0.06	0.02	0.06	0.13
Rose Drain System												
1994	8144.6	7486.0	18109.1	26183.1	21408.1	22921.2	26056.1	21921.2	18788.4	16729.5	10017.4	6737.9
1995	1458.2	8431.9	22309.7	22964.1	22679.1	23494.6	27337.1	22287.4	19067.9	14199.3	11186.6	8413.7
1996	9450.2	12268.9	22392.2	26351.0	22429.9	21974.0	23663.5	21879.6	16710.6	16708.3	10621.4	9840.0
1997	8699.2	13782.8	22232.4	26003.5	23282.4	22029.0	26675.4	24585.0	14789.0	13130.1	10938.0	7019.4
1998	8330.4	5966.7	21106.4	25131.7	23706.1	23176.3	25786.8	24011.6	16594.8	16385.3	9912.3	8656.4
1999	8870.9	11464.2	20742.7	21714.0	25160.7	22789.8	23681.3	20708.3	16599.0			
Mean	8699.1	10686.8	21148.8	24724.6	23111.1	22730.8	25533.4	22565.5	17091.6	15430.5	10535.1	8133.5
STDEV	509.2	3052.5	1641.6	1935.8	1275.5	614.3	1537.6	1454.8	1595.1	1661.3	559.0	1270.1
CV	0.06	0.29	0.08	0.08	0.06	0.03	0.06	0.06	0.09	0.11	0.05	0.16
South Central System												
1994	3849.8	2724.1	6327.4	9351.3	8332.6	8091.3	9120.3	7475.7	5607	5837.3	3938.2	2747.5
1995	705.4	3726.8	7037.8	8794.9	8537.2	9486.0	9085.5	7938.2	5428.3	5878.4	4067.2	3715.2
1996	4331.9	3949.2	7617.8	8873.6	8734.9	8433.2	9229.3	7575.6	5594.6	6521.0	4565.6	4244.6
1997	3374.5	4755.7	7526.0	8926.5	8769.4	8662.9	8985.4	8248.9	5019.5	5447.5	4852.5	2650.8
1998	3147.7	2047.8	6713.1	8577.2	9247.7	7522.9	9429.5	7658.9	6036.1	6537.4	3815.1	3412.1
1999	4283.3	4426.2	6091.3	7694.0	8590.8	7792.5	7316.1	6802.3	5619.6			
Mean	3797.4	3916.4	6885.6	8702.9	8702.1	8331.5	8861.0	7616.6	5550.9	6044.3	4247.7	3354.0
STDEV	530.4	1032.7	623.2	555.3	309.6	700.7	771.8	487.8	329.4	473.5	442.3	668.8
CV	0.14	0.26	0.09	0.06	0.04	0.08	0.09	0.06	0.06	0.08	0.10	0.20

Table C- 10: Irrigation Deliveries To Major Drain Area of Influence

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Verde Drain System												
1994	5941.4	5317.5	10350.1	15426.4	13380.3	12978.2	14399.3	13054.6	10897.3	11206.5	7089.6	4437.4
1995	746.4	5693.7	12802.7	13581.4	13498.6	14078.5	14415.9	11569.2	10485.7	11076.8	7299.1	5106.1
1996	7051.5	6858.8	13000.4	16105.1	13300.9	12562.8	12838.6	12205.7	10282.1	11113.4	8363.4	6168.3
1997	5950.4	8452.3	12017.9	15426.8	13986.6	11946.0	14030.0	11585.4	9214.8	9849.8	8479.9	4616.0
1998	5492.5	4114.6	12625.1	13846.7	14910.8	11988.6	14219.6	11108.5	9966.1	10851.7	7924.7	6118.1
1999	7072.0	7969.8	11092.3	13846.7	14260.4	12002.8	11441.2	12175.2	8527.1			
Mean	6301.6	6858.4	11981.4	14705.5	13889.6	12592.8	13557.4	11949.8	9895.5	10819.6	7831.3	5289.2
STDEV	718.3	1660.1	1056.4	1071.2	624.3	835.3	1191.9	681.5	876.6	557.6	621.7	817.3
CV	0.11	0.24	0.09	0.07	0.04	0.07	0.09	0.06	0.09	0.05	0.08	0.15

Table C- 11: Major Drain Flows/Irrigation Delivery Ratios and Statistics

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain System												
1994	0.6529	0.6099	0.4188	0.3748	0.4089	0.3033	0.3344	0.3774	0.4738	0.4916	0.6553	0.7816
1995		0.5458	0.4425	0.4115		0.3453	0.3297	0.3518	0.4408	0.4263	0.5833	0.5991
1996	0.5521	0.4750	0.3967	0.3562	0.3302	0.3377	0.3271	0.3619	0.4506	0.4364	0.5838	0.5866
1997	0.6583	0.4829	0.4489	0.3614	0.3936	0.3239	0.3392	0.3786	0.5982	0.5378	0.5769	0.7913
1998	0.6774		0.4598	0.3905	0.3654	0.3421	0.3217	0.3700	0.4076	0.4505	0.5918	0.6048
1999	0.6231	0.6581	0.4087	0.3963	0.3253	0.2879	0.2852	0.3892	0.4087			
Mean	0.6327	0.5543	0.4292	0.3818	0.3647	0.3234	0.3229	0.3715	0.4633	0.4685	0.5982	0.6727
Std Dev	0.0491	0.0795	0.0249	0.0214	0.0372	0.0232	0.0194	0.0133	0.0708	0.0460	0.0323	0.1041
CV	0.0777	0.1435	0.0579	0.0561	0.1019	0.0718	0.0602	0.0357	0.1528	0.0982	0.0541	0.1548
Holtville Main System												
1994	0.5532	0.5934	0.4176	0.3721	0.3735	0.3316	0.3412	0.3908	0.4247	0.4501	0.5829	0.7378
1995		0.5216				0.3279	0.3211	0.3801	0.3724	0.4422	0.5557	0.6840
1996	0.5962	0.5136	0.4335	0.3648	0.3638	0.3700	0.3695	0.4051	0.4631	0.4844	0.5549	0.6275
1997	0.6730	0.4652	0.4450	0.3670	0.3670	0.3387	0.3338	0.3739	0.4924	0.4558	0.6340	0.7551
1998	0.6341		0.4218	0.4012	0.3750	0.3497	0.3519	0.4232	0.4311	0.4762	0.6022	0.6650
1999	0.6154	0.5181	0.4641	0.4220	0.4219	0.3677	0.4013	0.4068	0.4097			
Mean	0.6144	0.5224	0.4364	0.3854	0.3803	0.3476	0.3531	0.3966	0.4322	0.4617	0.5860	0.6939
Std Dev	0.0444	0.0459	0.0188	0.0251	0.0237	0.0181	0.0287	0.0185	0.0418	0.0179	0.0334	0.0525
CV	0.0723	0.0878	0.0432	0.0652	0.0624	0.0520	0.0814	0.0465	0.0967	0.0387	0.0570	0.0756
Rose Drain System												
1994		0.6213	0.3731	0.3161	0.3348		0.2700		0.3548	0.4123	0.4936	0.7160
1995			0.3113	0.3099	0.2871	0.2845	0.2346	0.2948	0.3460		0.4700	0.4790
1996	0.4194	0.3491	0.2617	0.2528	0.3196	0.2646	0.2297	0.2525	0.2900	0.3465	0.4296	0.4801
1997	0.5241	0.3298	0.2690	0.2476	0.2780	0.2574	0.2491	0.2682	0.4189	0.4298	0.4834	0.6863
1998	0.5493		0.3234	0.2847	0.2929	0.2757	0.2551	0.2894	0.3684	0.3928	0.4915	0.4908
1999	0.5080	0.4019	0.3254	0.2960	0.3060	0.2788	0.2676	0.2711	0.3311			
Mean	0.5002	0.4255	0.3107	0.2845	0.3031	0.2722	0.2510	0.2752	0.3516	0.3954	0.4736	0.5704
Std Dev	0.0565	0.1340	0.0410	0.0288	0.0213	0.0110	0.0166	0.0171	0.0426	0.0359	0.0263	0.1199
CV	0.1129	0.3150	0.1320	0.1012	0.0704	0.0405	0.0661	0.0621	0.1211	0.0908	0.0555	0.2101
South Central System												
1994	0.5081	0.5969	0.3927		0.3444				0.3952	0.4197	0.5424	0.7228
1995												
1996	0.4650	0.4739	0.3875	0.3334	0.3120	0.2774	0.2526	0.3032	0.3586	0.3595	0.4844	0.5022
1997	0.5168	0.3765	0.3494	0.3269	0.3288	0.2687	0.2636	0.2836	0.4362	0.4053	0.4763	0.6876
1998	0.5008		0.3785	0.3481	0.3160	0.3252	0.2465	0.2615	0.3178	0.3518	0.5095	0.5143
1999	0.4670	0.3868	0.3374	0.3093	0.3220	0.2840	0.3323	0.2735	0.2998			
Mean	0.4915	0.4585	0.3691	0.3294	0.3246	0.2888	0.2737	0.2805	0.3615	0.3841	0.5031	0.6068
Std Dev	0.0240	0.1021	0.0244	0.0161	0.0127	0.0250	0.0396	0.0177	0.0558	0.0335	0.0297	0.1147
CV	0.0488	0.2226	0.0661	0.0488	0.0393	0.0867	0.1448	0.0630	0.1543	0.0872	0.0591	0.1891

Verde System

Table C- 11: Major Drain Flows/Irrigation Delivery Ratios and Statistics

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994		0.3940	0.2220	0.2103	0.2251	0.2124	0.1887	0.1975		0.4125	0.3725	0.5309
1995												
1996	0.2856	0.2847	0.2283	0.1783	0.2208	0.1756	0.1651	0.1744	0.2016	0.2642	0.2959	0.3446
1997	0.3434	0.2217	0.1721	0.1728	0.1818	0.1626	0.1368	0.1508	0.2096	0.2512	0.3052	0.4919
1998	0.3708		0.1968	0.1949	0.1917	0.1489	0.1703	0.1588	0.1746	0.1892	0.2806	0.3512
1999	0.2973	0.2534	0.1886	0.1548	0.1573	0.1540	0.1810	0.0992	0.1447			
Mean	0.3243	0.2885	0.2016	0.1822	0.1953	0.1707	0.1684	0.1562	0.1826	0.2793	0.3135	0.4297
Std Dev	0.0398	0.0749	0.0234	0.0212	0.0282	0.0254	0.0199	0.0365	0.0294	0.0947	0.0406	0.0958
CV	0.1228	0.2597	0.1161	0.1166	0.1443	0.1487	0.1181	0.2335	0.1607	0.3390	0.1295	0.2229

Table C- 12: Major Drain Completed Flows

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Central Drain												
Drop 2												
1994	4693.0	4157.0	6252.0	7899.0	7399.0	5972.0	6935.0	7068.0	6492.0	6522.0	5425.0	4865.0
1995	3887.0	4939.0	7464.0	7668.0	7182.4	7120.0	7105.0	6837.0	5662.0	5493.0	4554.0	4659.0
1996	4949.8	4955.6	6874.4	7351.8	6766.3	6720.1	7010.3	6804.6	5758.7	5866.2	4846.5	5121.6
1997	4384.3	5575.4	7718.2	7547.0	7657.1	6836.5	7496.4	7406.2	6194.9	5925.7	5114.6	4324.0
1998	5244.2	3933.3	7274.3	7580.9	7279.6	6449.2	7190.0	6483.9	5292.8	6033.0	5175.3	4958.9
1999	4967.8	4730.0	6209.9	7196.3	6440.6	5431.8	5001.6	5935.8	5114.5	5073.0		
Mean	4687.7	4715.1	6965.5	7540.5	7120.8	6421.6	6789.7	6755.9	5752.5	5818.8	5023.1	4785.7
Std Dev	487.9	595.1	632.3	245.2	443.3	621.5	897.3	505.1	523.3	493.2	333.3	307.5
CV	0.10	0.13	0.09	0.03	0.06	0.10	0.13	0.07	0.09	0.08	0.07	0.06
Holtville Main Drain												
1994	5306.0	4580.0	6911.0	8446.0	8077.0	7640.0	7617.0	7597.0	6452.0	7246.0	6276.0	5451.0
1995	3715.0	4532.0	8359.4	7707.0	8422.1	7016.0	6974.0	6555.0	5714.0	6841.0	6292.0	5966.0
1996	5952.5	6128.4	7701.5	8020.5	7778.1	7118.0	7170.0	6787.7	6412.9	7926.3	6971.8	6437.1
1997	5671.6	6239.7	7432.2	8246.8	8001.4	7008.9	7357.4	7112.6	6425.2	7168.0	6971.2	6099.3
1998	5585.1	4453.4	7309.8	7719.6	8311.1	6930.2	7376.8	6766.7	6349.2	7657.9	6965.7	6463.0
1999	6396.4	5651.4	7682.1	7711.8	7710.1	6799.0	6693.9	5850.5	6008.4	7573.2		
Mean	5437.8	5264.2	7566.0	7975.3	8050.0	7085.4	7198.2	6778.3	6227.0	7402.1	6695.3	6083.3
Std Dev	921.5	837.9	484.5	317.5	282.6	291.7	328.0	581.9	300.1	390.8	375.6	413.3
CV	0.17	0.16	0.06	0.04	0.04	0.04	0.05	0.09	0.05	0.05	0.06	0.07
Rose Drain												
1994	4137.3	4651.0	6757.0	8276.0	7168.0	6391.1	7035.0	5942.9	6667.0	6898.0	4945.0	4824.0
1995	3971.0	3587.9	6945.0	7117.0	6512.0	6685.0	6414.0	6570.0	6597.0	5613.8	5258.0	4030.0
1996	3963.8	4283.2	5860.8	6660.6	7168.2	5814.2	5436.6	5524.4	4846.9	5789.4	4563.2	4724.3
1997	4559.1	4545.6	5981.4	6438.4	6472.0	5669.8	6646.1	6594.3	6195.3	5643.3	5287.6	4817.7
1998	4575.7	4085.0	6826.6	7154.1	6942.4	6389.8	6578.9	6949.8	6113.5	6436.1	4871.5	4248.3
1999	4506.3	4607.1	6749.5	6428.1	7698.6	6354.5	6336.9	5614.1	5496.5	4887.7		
Mean	4285.5	4293.3	6520.1	7012.4	6993.5	6217.4	6407.9	6199.3	5986.0	5878.0	4985.1	4528.9
Std Dev	294.0	407.7	470.8	696.0	461.4	389.8	534.4	586.6	697.8	702.2	299.4	366.2
CV	0.07	0.09	0.07	0.10	0.07	0.06	0.08	0.09	0.12	0.12	0.06	0.08
South Central Drain												
1994	1956.0	1626.0	2485.0	2892.4	2870.0	2297.9	3030.3	2044.2	2216.0	2450.0	2136.0	1986.0
1995	1858.2	1708.8	2597.6	2897.4	2771.6	2739.8	2487.1	2226.3	1962.5	2257.7	2046.3	2254.2
1996	2014.2	1871.6	2951.6	2958.6	2725.1	2339.5	2331.0	2297.1	2006.3	2344.1	2211.4	2131.7
1997	1743.9	1790.5	2629.5	2918.3	2883.2	2327.8	2368.7	2339.3	2189.6	2207.6	2311.2	1822.8
1998	1576.3	1328.9	2540.7	2985.8	2922.5	2446.4	2324.7	2003.1	1918.4	2300.1	1943.8	1755.0
1999	2000.4	1712.0	2055.1	2379.8	2766.4	2213.0	2430.8	1860.1	1684.6	2376.4		
Mean	1858.2	1673.0	2543.2	2838.7	2823.1	2394.1	2495.4	2128.4	1996.2	2322.7	2129.7	1989.9
Std Dev	171.3	188.0	289.4	227.7	79.0	185.3	269.3	188.3	195.0	86.6	142.4	208.0
CV	0.09	0.11	0.11	0.08	0.03	0.08	0.11	0.09	0.10	0.04	0.07	0.10

Verde Drain

Table C- 12: Major Drain Completed Flows

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1994	1766.5	2095.0	2298.0	3244.0	3012.0	2756.0	2717.0	2578.0	1577.1	4623.0	2641.0	2356.0
1995	1992.6	1642.4	2580.7	2475.1	2636.8	2403.2	2427.2	1806.6	1914.9	3093.5	2288.6	2193.8
1996	2013.6	1952.8	2967.9	2872.3	2937.2	2206.0	2119.6	2129.1	2072.6	2936.6	2474.8	2125.7
1997	2043.4	1874.2	2068.6	2666.2	2542.6	1943.0	1919.6	1747.5	1931.1	2474.2	2587.7	2270.5
1998	2036.7	1763.3	2484.7	2699.3	2857.8	1785.3	2421.3	1764.1	1740.3	2052.7	2223.7	2148.5
1999	2102.7	2019.4	2092.2	2143.4	2243.3	1848.2	2070.6	1208.3	1234.1	1591.6		
Mean	1992.6	1891.2	2415.3	2683.4	2704.9	2156.9	2279.2	1872.3	1745.0	2795.3	2443.2	2218.9
Std Dev	116.8	167.5	339.4	370.3	288.3	374.5	294.0	455.3	303.3	1053.8	182.4	94.5
CV	0.06	0.09	0.14	0.14	0.11	0.17	0.13	0.24	0.17	0.38	0.07	0.04

Table C- 13: Water Balance – Minor Drain Flow Determination

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Alamo River Flows													
1994	41444.6	35460.5	64095.9	75034.7	65044.0	55779.2	60119.0	57062.5	53188.8	58756.4	47367.3	40756.4	654109.3
1995	26663.8	38156.0	68023.1	70135.5	59771.9	54200.3	57030.7	56229.4	47161.0	51947.1	43926.0	38893.9	612138.7
1996	40772.6	43888.3	61945.8	65097.5	56959.3	52115.7	52976.5	50275.0	49971.6	55307.1	46526.3	44421.8	620257.5
1997	21851.6	47889.8	69017.3	72642.5	65799.0	55911.9	62042.7	59915.6	59374.1	55233.7	49654.3	41015.6	660348.1
1998	41788.6	32343.0	67860.3	71571.2	70478.7	60134.0	59936.2	58457.1	57103.4	59793.0	44702.3	41762.8	665930.6
1999	44636.7	43350.4	63059.4	62043.3	66001.6	58018.2	55684.8	48748.3	52680.4	59831.3	47363.0	41370.1	642787.5
												Average	642595.3

Major Drain Flows (Gauged & Calculated)

1994	17858.9	17109.0	24703.0	30757.4	28526.0	25057.0	27334.3	25230.2	23404.1	27739.0	21423.0	19482.0	288623.8
1995	15423.8	16410.1	27946.6	27864.5	27524.9	25964.0	25407.3	23994.9	21850.4	23299.0	20439.0	19103.1	275227.7
1996	18893.9	19191.6	26356.2	27863.8	27374.9	24197.8	24067.5	23542.9	21097.4	24862.6	21067.7	20540.4	279056.7
1997	18402.3	20025.4	25829.9	27816.7	27556.3	23786.0	25788.2	25199.9	22936.1	23418.8	22272.3	19334.3	282366.2
1998	19018.0	15563.9	26436.1	28139.7	28313.4	24000.9	25891.7	23967.6	21414.2	24479.8	21180.0	19573.7	277979.0
1999	19973.6	18719.9	24788.8	25859.4	26859.0	22646.5	22533.8	20468.8	19538.1	21501.9	21276.4	19606.7	263772.9
												Average	277837.7

Gauged Minor Drain Flows

1994	878.5	727.2	1339.3	1980.5	3714.7	5031.9	6435.2	6422.1	7330.4	6838.9	5535.8	4156.0	50390.5
1995	2053.6	4952.7	7806.9	8658.2	7642.6	6098.6	5049.0	4504.8	4811.2	1952.2	1703.6	1206.4	56439.8
1996	1475.3	1541.6	2278.7	2430.2	1955.3	1687.1	1713.9	1783.2	2052.0	1995.8	1688.1	1142.0	21743.2
1997	1228.6	1529.1	2182.4	2292.1	1836.1	1534.8	1712.5	1851.0	2269.7	1999.0	1574.3	1219.4	21229.0
1998	1248.0	737.8	2611.3	2612.0	2352.2	2011.0	1998.4	1975.1	2309.0	2217.3	1779.4	1488.2	23339.7
1999	1479.2	1569.7	2511.3	2517.2	2398.6	2225.1	1720.3	1822.7	2083.1	2206.7	1616.9	1294.1	23444.9
												Average	32764.5

Alamo River International Boundary Flows

1994	122.0	128.0	133.0	131.0	172.0	156.0	167.0	184.0	135.0	133.0	142.0	141.0	1744.0
1995	137.0	130.0	161.0	147.0	154.0	154.0	142.0	117.0	86.0	0.0	5.0	0.0	1233.0
1996	0.0	0.0	0.0	0.0	0.0	0.0	135.6	125.0	153.0	201.0	167.0	214.0	216.0
1997	123.0	111.1	123.0	200.1	216.8	106.1	124.0	110.7	55.1	152.1	153.5	88.5	1564.0
1998	116.4	128.5	140.8	107.3	131.5	112.9	121.2	104.9	97.4	109.3	131.1	141.8	1443.1
1999	142.4	133.9	142.2	154.9	153.3	139.4	161.5	106.3	105.5	128.9	150.3	115.2	1633.8
Mean	106.8	105.3	116.7	123.4	137.9	111.4	141.9	124.7	105.3	120.7	124.8	116.7	1523.6
													1435.6

City of Calipatria, G Drain

1994	0.0	0.0	0.0	0.0	0.0	80.4	87.9	77.6	81.8	89.0	79.5	79.4
1995	80.1	66.3	62.3	71.2	74.4	72.6	76.8	0.0	85.7	88.5	76.2	85.5
1996	82.4	72.0	81.5	75.2	91.3	79.0	84.3	85.8	86.0	82.9	89.4	86.4
1997	86.0	74.7	84.3	82.0	86.4	80.5	92.2	85.4	91.6	96.1	86.7	90.8
1998	87.0	83.6	89.0	84.0	91.5	77.4	94.6	92.6	94.8	0.0	86.9	96.7
1999	93.4	84.3	9.1	88.8	90.9	92.9	100.9	98.5	0.0	109.4	105.0	105.6
Average	71.5	63.5	54.4	66.9	72.4	80.4	89.5	73.3	73.3	77.7	87.3	90.8

Table C- 13: Water Balance – Minor Drain Flow Determination

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Alamo	1994	3527.5	3909.2	5892.4	8105.1	8119.5	7613.4	7751.8	7297.5	6661.3	6648.0	4929.4	2716.8
	1995	840.6	4021.0	7536.5	7830.9	7791.8	7544.9	8262.3	8394.2	6653.2	6028.9	4145.4	3345.6
	1996	4290.6	4737.0	7036.4	8650.3	8795.9	7352.3	7652.9	6866.3	5870.3	6272.4	4722.0	3870.3
	1997	3863.7	5173.4	6837.7	8161.3	7968.9	6996.0	7831.9	7423.3	4131.9	5774.7	4742.0	2790.9
	1998	3986.4	2221.1	6336.2	8148.0	8312.5	7463.8	6662.2	7226.7	5998.6	6346.8	4821.9	3801.1
	1999	3427.0	4337.3	6079.3	6322.2	7395.3	6762.7	6154.4	6265.1	5342.1			
All-American	1994			349.5	501.6	441.4	472.2	525.0	362.8	140.1	12.4	12.0	3.6
	1995		26.6	487.1	412.7	299.2	466.1	504.6	226.8	7.2	14.2	7.2	289.4
	1996	272.8	233.2	314.0	363.2			85.0	420.9	182.4	334.2	226.8	193.6
	1997	197.1	163.5	223.0	342.3	404.6	445.0	418.0	131.0		526.9		31.7
	1998	212.6	23.8	200.9	292.0	233.0	66.2		417.0		363.0	171.8	25.2
	1999	180.1		318.8	211.8	382.9	324.8	313.4	233.8	444.4			
Bailey	1994	133.0	112.0	149.7	191.5	132.8	64.2	240.4	149.7	206.1	123.2	75.7	74.4
	1995		71.9	132.6	220.3	110.8	53.6	149.5	318.1	62.5	230.8	137.3	60.9
	1996	110.4	84.5	197.3	232.8	181.2	118.3	218.3	162.9	61.1	132.9	101.0	84.5
	1997	67.1	168.1	176.4	140.1	108.8	91.6	309.3	99.4	182.3	75.2	81.1	2790.9
	1998	150.4	22.0	188.7	228.4	134.1	225.3	204.8	222.5	267.5	143.3	161.9	92.9
	1999	117.2	113.8	152.3	151.0	147.3	204.1	422.0	211.3	228.6			
Bryan	1994	152.6	240.8	1081.1	1559.5	995.5	1436.9	1867.0	1403.7	787.3	967.4	487.8	447.7
	1995	3.6	723.8	1284.1	1308.5	1132.3	912.4	1185.1	844.1	849.3	602.1	632.4	537.5
	1996	414.3	654.9	1325.4	1162.4	962.4	1243.4	1347.8	1218.0	1024.8	592.7	654.2	371.9
	1997	535.8	622.5	1198.9	1270.5	1333.0	1409.6	1490.3	1334.2	707.7	322.3	410.3	457.5
	1998	427.4	128.1	1149.7	1217.7	991.0	1090.6	1238.9	1272.0	541.6	600.5	321.7	359.5
	1999	574.5	404.3	1105.8	1215.9	1253.3	1249.2	1559.5	1229.4	800.1			
C	1994	992.0	1490.2	2535.8	3694.3	2968.8	2753.9	3433.7	3023.7	2517.5	1736.8	959.2	878.4
	1995	198.0	1666.0	2927.9	3105.6	2904.9	3108.1	2822.8	3630.9	2004.8	1479.3	1414.8	1032.5
	1996	1185.3	2101.9	3205.6	3587.2	2673.1	2192.1	2748.6	2215.9	3170.4	1601.0	1328.1	1056.4
	1997	1097.2	2272.1	2897.8	2671.6	2361.1	2160.3	3287.5	2764.7	1963.2	1814.7	1340.6	1027.6
	1998	1070.8	522.7	2926.9	3387.3	3181.0	3474.3	4052.1	3409.6	2613.2	1682.2	1518.4	997.2
	1999	727.3	1720.5	2674.2	2776.3	3491.4	3445.8	2925.7	2591.3	2860.7			
D	1994	185.4	149.9	368.6	428.0	309.7	348.3	327.5	324.9	275.0	242.4	130.6	203.8
	1995	22.8	241.1	423.9	451.1	423.5	279.5	284.7	198.0	293.7	307.3	263.9	239.8
	1996	232.2	239.3	445.3	465.6	371.4	271.2	291.8	145.9	156.8	199.6	269.7	180.7
	1997	233.5	258.2	372.5	448.0	321.3	319.9	492.6	448.7	203.2	265.5	162.6	166.2
	1998	236.6	62.2	448.0	458.8	322.1	321.9	479.9	361.7	389.2	286.4	182.7	172.9
	1999	213.8	188.0	445.1	409.3	462.6	477.4	328.3	504.7	313.2			
Darling	1994	498.1	684.3	1663.7	2300.3	839.5	943.2	1011.8	945.4	887.3	1118.6	766.9	250.6
	1995	51.8	549.6	1235.0	1364.2	1286.6	1576.6	1261.3	1355.2	929.2	1039.0	558.8	320.9
	1996	607.1	774.4	1351.8	1949.3	1026.0	1214.1	1431.5	1129.1	859.9	993.4	668.3	517.0
	1997	465.5	615.1	1113.4	1427.2	1351.1	1547.2	1787.8	1494.2	829.2	686.5	586.4	308.5
	1998	377.5	501.4	1064.4	1546.5	1396.4	1087.0	2089.1	979.9	1018.4	739.9	560.3	473.1

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	495.5	605.0	1362.8	1080.2	1521.7	1753.5	824.8	1071.2	769.2			
E	1994	556.6	805.7	1674.1	2482.5	2320.1	2228.9	2355.0	2317.9	1854.0	1158.0	1047.5	732.3
	1995	183.6	1395.4	1845.7	2223.1	2337.2	2533.9	2362.5	2549.8	1721.5	1409.4	1048.2	1093.1
	1996	930.8	1705.7	2144.8	2538.5	2130.3	2365.3	2296.0	2557.8	1501.9	1659.2	1138.8	1047.2
	1997	871.0	1363.4	2341.7	2448.6	2286.0	1757.2	2455.3	2214.4	1491.5	1491.9	1217.0	799.3
	1998	889.4	663.3	1997.2	2333.0	3055.5	2381.4	2936.6	2334.0	1952.7	2267.9	1023.0	925.6
	1999	956.0	1048.0	1981.1	2533.3	2691.2	2795.1	2658.2	2096.1	1616.1			
G	1994	1404.6	1290.4	2391.0	4251.2	3346.6	3439.4	3556.4	2952.0	1763.7	2058.6	1486.0	1036.8
	1995	271.2	1917.7	3369.5	3637.0	3835.4	3729.7	4735.9	4261.4	2137.9	2766.3	2073.6	1641.8
	1996	1854.1	2187.7	3908.7	4270.3	4140.1	3963.8	4399.6	3113.0	2681.3	2105.9	1545.0	2071.5
	1997	1510.4	2248.8	3622.8	4269.1	3009.3	3212.3	4531.1	3501.5	2929.8	1874.3	1545.3	1469.8
	1998	1397.1	876.3	3332.4	3938.5	4244.1	3559.7	4683.0	3577.4	3200.0	2517.2	1940.1	1558.2
	1999	1217.6	1453.9	2991.6	3769.6	3516.5	2888.9	2777.9	2597.2	1733.2			
Graeser	1994	122.1	67.2	183.0	298.8	309.2	349.9	412.8	299.7	70.2	83.3	95.3	120.1
	1995		193.0	264.2	433.8	86.9	348.7	230.4	160.7	389.0	142.3	101.2	212.2
	1996	132.0	198.2	309.2	236.3	232.4	426.1	268.5	286.6	177.4	171.4	84.8	201.1

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	25.4	283.9	348.3	470.1	158.4	121.6	360.2	170.3	315.5	152.8	112.8	1469.8
	1998	175.9	50.8	291.0	280.5	395.2	373.1	413.2	364.2	271.8	246.8	99.1	289.5
	1999	38.4	215.4	331.2	168.0	353.3	335.6	376.2	289.0	286.0			
I	1994	910.7	1227.8	2454.3	2810.8	2250.3	2285.4	1925.6	2053.5	1024.8	1780.1	980.6	847.4
	1995	217.1	1341.8	3502.0	3486.4	2978.2	3440.1	4160.8	3276.4	2248.0	1878.1	1198.1	1608.9
	1996	1409.6	2183.7	3046.4	3618.7	2545.1	2220.6	2749.8	1697.9	2524.5	2048.3	1526.1	1701.6
	1997	1275.8	1857.0	3550.3	3515.1	3111.6	2754.0	2945.7	2640.3	2335.2	1585.6	1562.5	1354.5
	1998	989.9	764.8	2627.7	2484.0	2495.6	3011.0	3920.8	2973.1	2233.2	2236.3	1102.8	1234.2
	1999	1039.0	1831.6	2869.7	2640.9	2987.1	2816.4	2744.6	1979.5	1988.0			
J	1994	517.2	536.9	1163.5	1524.7	1265.7	1474.1	1687.3	1025.8	1006.3	920.2	693.0	358.1
	1995	205.7	841.7	1528.5	2040.7	1764.9	1660.2	1927.0	1870.2	1535.3	967.8	646.3	829.0
	1996	913.4	1071.0	1917.9	2009.5	1757.2	1797.0	2064.2	1553.6	1564.9	740.7	748.8	816.4
	1997	780.3	1048.4	2359.6	2451.2	2083.0	1735.1	2100.6	2037.0	1121.5	757.4	937.0	776.7
	1998	636.8	645.9	1815.9	1880.2	1485.4	1748.8	2930.7	2324.2	1738.7	1198.0	1164.8	515.3
	1999	656.3	983.3	1721.9	1820.6	2082.6	2057.1	1956.4	1599.9	1459.5			
Jones	1994	60.8	53.0	108.2	158.4	3.2			68.8				
	1995		45.4	53.8	51.0	47.4	138.2	139.5	54.1			63.6	
	1996	40.4	79.0	90.4	106.8		127.4		78.2	68.9	87.2	62.4	81.3
	1997	42.5	47.2	65.9	64.7	112.1	82.2	100.2	56.7		23.6	11.2	73.7
	1998	57.3	5.8	106.8	118.8			144.4	92.9	51.7	224.5	81.5	86.6
	1999	28.9	47.3	104.1	101.0	99.2	152.0	121.2	88.8	113.6			
K	1994	418.7	477.0	1184.7	1832.6	1354.9	1253.8	1365.3	1423.0	1356.7	830.6	548.8	239.4
	1995	199.2	866.7	1331.9	1540.3	1271.7	1010.9	1593.3	1435.2	1257.7	801.9	882.5	766.9
	1996	983.6	1096.1	1842.1	1957.8	1521.3	1899.7	1417.7	2071.6	1383.1	1215.1	546.9	1116.9
	1997	322.2	1557.2	1874.6	2554.5	2243.2	1266.2	2907.8	2789.1	1639.8	1198.2	781.5	424.5
	1998	471.9	493.3	2114.3	2061.0	1872.9	1636.6	2642.7	2328.4	1804.9	1550.7	491.7	451.0
	1999	320.2	894.5	1954.5	2081.7	2349.1	2246.7	1852.8	2065.4	1438.9			
L	1994	765.3	834.2	1377.8	1858.2	1442.2	919.8	1294.2	1004.9	889.3	761.2	455.9	649.4
	1995	108.7	999.6	1444.7	1595.9	1758.5	1328.4	1684.2	1339.9	1411.6	507.7	440.1	785.0
	1996	757.3	1177.2	1627.9	1672.6	1150.9	1178.7	1134.8	1425.2	1089.7	688.9	333.3	510.8
	1997	528.1	1026.3	1557.0	2191.7	1793.1	1428.9	1943.8	1820.3	1173.8	811.2	865.8	600.1
	1998	712.2	653.7	1293.7	1547.3	1941.6	1665.6	2049.9	1735.8	1292.7	1020.0	660.2	621.3
	1999	646.5	714.7	1701.3	1614.4	1963.9	1668.2	1979.0	1610.4	1206.9			
Lewis	1994	333.5	117.8	475.8	493.7	301.8	476.0	454.9	453.4	254.1	298.7	322.6	153.9
	1995	30.6	383.7	696.7	632.9	323.5	333.3	364.7	473.6	344.1	630.0	309.1	285.6
	1996	257.1	173.6	523.1	496.5	415.3	504.7	174.4	324.7	350.4	499.0	306.8	306.4
	1997	169.7	258.9	511.0	486.7	538.3	457.2	361.9	189.9	274.8	469.5	285.8	292.8
	1998	302.9	84.8	398.5	465.1	653.5	701.4	399.0	450.5	228.3	341.7	244.0	357.8

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	378.7	270.4	624.7	631.9	393.7	202.4	530.8	203.4	388.5			102.8
M	1994	336.8	494.6	1035.5	1316.4	1133.2	1008.8	911.3	1103.8	702.9	583.2	480.6	216.4
	1995	71.4	662.6	1088.0	1122.6	1105.9	1122.0	1143.3	1275.4	856.2	498.8	391.2	715.7
	1996	434.1	781.1	1273.4	1178.2	1143.5	1304.4	1516.0	1225.6	641.7	451.1	509.4	729.2
	1997	402.5	788.0	1562.4	1458.0	1215.6	1280.3	1197.7	1494.1	835.1	739.4	711.5	457.7
	1998	617.7	412.5	1082.6	1161.8	1188.5	1442.2	1508.2	1319.2	1362.8	991.9	631.0	496.0
	1999	509.8	650.9	1129.6	1064.1	1499.1	1201.9	1346.7	1285.6	1021.5			
Magnolia	1994	335.8	257.6	827.7	1125.0	955.8	894.6	1177.8	1062.8	894.0	441.4	353.6	370.4
	1995	103.5	449.5	950.5	998.5	831.4	1056.9	1024.5	902.2	438.1	301.5	578.5	358.5
	1996	472.1	737.6	798.0	962.3	533.9	629.8	998.3	965.8	588.5	785.1	479.0	500.9
	1997	317.4	411.2	1103.1	778.5	968.6	1443.8	1099.8	1110.1	719.0	502.8	570.4	366.7
	1998	385.9	257.0	837.2	890.3	912.2	924.8	878.4	731.3	518.8	506.0	385.7	294.6
	1999	483.4	490.6	819.4	792.0	790.3	874.8	773.8	998.5	575.9			
Malva	1994	88.6	34.0	98.3	85.8						97.1	80.3	45.9
	1995												
	1996	40.3	68.9	100.1	135.4	97.3	89.8	136.6	18.8	27.4	119.7	69.8	60.0
	1997	46.8	69.8	95.7	94.5	15.6	138.9	78.0	49.5	61.8	37.4	39.4	19.0
	1998	25.2	16.2	41.0	23.6	28.4	43.2	40.0	85.8	42.0	125.4	68.7	64.9
	1999	62.9	66.9	100.9	102.5	92.2	35.0	269.1	12.6	39.6			
Maple	1994	679.6	946.3	1730.8	2120.5	1123.3	1540.6	1981.2	1172.8	1204.1	1286.9	695.4	597.4

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acres)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Marigold	1995	159.7	642.8	1705.5	1926.1	1440.4	1623.3	2200.7	1631.3	1204.9
	1996	893.2	1014.9	1738.4	2100.8	1560.2	1223.1	1344.1	1238.2	776.3
	1997	695.5	1161.4	1649.8	2016.7	1198.6	1394.6	1484.7	1064.7	799.1
	1998	685.8	148.0	1839.4	1869.2	1755.2	1565.7	2072.3	1644.8	1686.1
	1999	1002.2	793.2	1787.0	1983.6	1669.3	1426.6	2101.0	1081.3	1461.6
	1994	555.6	354.4	1561.3	1716.2	1255.7				
Mayflower	1995									
	1996									
	1997									
	1998									
	1999									
	1994	651.0	576.6	1630.5	1802.5	1716.4				
Mesquite	1995									
	1996									
	1997									
	1998									
	1999									
	1994	2078.0	1875.3	4395.8	6594.7	5095.9	5120.2	6041.0	5382.1	4708.6
Moorehead	1995	235.7	2197.4	5532.6	5724.2	5584.0	5997.8	6997.2	5388.0	4674.9
	1996	2607.9	2564.7	5168.9	6857.8	4972.8	5304.5	5711.5	5026.5	4493.3
	1997	2081.6	3502.7	5233.2	6291.8	5556.5	5330.3	6395.7	5607.9	3567.2
	1998	1990.2	1216.9	5651.2	5853.6	5729.8	4770.0	5778.6	4845.3	3879.6
	1999	2497.9	3123.8	5068.0	5181.2	6132.3	5481.9	5941.7	4935.3	3937.4
	1994	135.1	131.7	157.6	352.9	78.6	98.5	302.5	11.9	221.0
Moss	1995	11.8	121.3	312.9	273.1	204.2	113.6	231.7	261.0	182.4
	1996	71.4	140.4	194.9	177.2	68.8	195.1	89.6	221.5	128.8
	1997	20.3	42.8	177.7	123.9	189.7	304.5	287.9	282.0	178.5
	1998	92.9	37.7	109.1	190.7	251.7	293.4	447.9	419.4	311.2
	1999	86.2	92.2	158.4	157.8	300.5	310.6	312.5	351.9	297.5
	1995	159.7	642.8	1705.5	1926.1	1440.4	1623.3	2200.7	1631.3	1204.9
Wadsworth	1996	893.2	1014.9	1738.4	2100.8	1560.2	1223.1	1344.1	1238.2	776.3
	1997	695.5	1161.4	1649.8	2016.7	1198.6	1394.6	1484.7	1064.7	799.1
	1998	685.8	148.0	1839.4	1869.2	1755.2	1565.7	2072.3	1644.8	1686.1
	1999	1002.2	793.2	1787.0	1983.6	1669.3	1426.6	2101.0	1081.3	1461.6
	1996	71.4	140.4	194.9	177.2	68.8	195.1	89.6	221.5	128.8
	1997	20.3	42.8	177.7	123.9	189.7	304.5	287.9	282.0	178.5
Wadsworth	1998	92.9	37.7	109.1	190.7	251.7	293.4	447.9	419.4	311.2
	1994	434.6	496.3	983.2	1141.8	1199.0	1237.2	1271.2	1075.3	789.7
	1995	51.7	731.9	1475.4	1161.9	1135.0	1077.3	1435.3	1308.1	351.4
	1996	511.9	941.8	1271.1	1560.6	963.7	1068.3	1244.6	1259.9	792.3
	1997	465.7	726.3	1260.5	1375.3	870.2	1141.1	1631.6	1100.0	688.5
	1998	657.0	191.1	1130.6	1396.5	942.5	863.6	1297.7	1065.4	1078.1
Wadsworth	1999	583.2	833.5	1311.0	1296.3	1273.8	1311.2	1277.8	723.9	1056.9

Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence (acres)

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Se
Mulberry	1994	737.4	603.4	1710.5	2006.8	1745.5	2204.1			
	1995									
	1996	945.9	1427.5	2090.0	2615.5	1735.2	1747.7	2068.0	1360.3	1775.9
	1997	871.6	1378.6	2033.1	2207.3	1726.0	1532.1	1950.1	1525.8	1839.1
	1998	899.9	156.1	1901.8	1974.5	1724.4	2161.1	1813.6	1929.6	2046.5
	1999	1069.6	993.8	1763.1	1925.0	1882.2	2159.5	2270.3	1542.9	1640.7
Mullen	1994	778.9	564.8	1459.3	1808.4	1486.0	1859.7	1890.1	1164.4	985.6
	1995	56.8	604.7	1966.9	2010.2	1631.4	1593.9	1882.7	1279.9	1154.8
	1996	702.5	1037.9	1450.3	1728.2	1235.7	1246.0	2061.5	1403.7	1280.1
	1997	618.4	1010.8	1627.7	1957.9	1578.7	1751.5	1731.2	1764.1	1430.1
	1998	602.6	359.0	1485.2	1616.2	1795.0	1775.0	2265.0	1829.8	1009.5
	1999	526.0	992.4	1601.6	1603.5	1795.5	1790.8	1667.3	1713.7	1148.8
Munyon	1994	707.2	610.7	1220.1	1823.0	1011.2	1125.1	1480.0	989.2	1141.8
	1995	127.1	728.8	1388.1	1499.1	1138.7	1285.4	1507.1	966.2	916.8
	1996	689.2	773.9	1344.3	1680.6	905.4	1339.2	1395.3	1085.9	1232.7
	1997	665.6	869.7	1297.2	1732.8	1332.0	1245.4	1480.9	1049.2	962.2
	1998	659.8	161.6	1263.6	1460.6	1197.8	1497.4	1989.0	1529.8	708.5
	1999	876.4	425.0	1322.6	1143.3	1037.8	1506.0	1594.7	1368.9	942.7
Myrtle	1994	532.7	371.9	1063.8	1030.9	1100.7	1074.5	1843.3	1071.1	774.4
	1995	101.5	474.7	1227.3	1291.5	1395.9	1512.5	1310.6	1223.9	1242.9
	1996	512.2	834.9	1084.8	1133.5	1363.3	1065.6	1533.8	1153.2	906.5
	1997	573.0	744.0	1183.9	1409.1	1232.6	1059.8	1501.5	1138.3	922.7
	1998	578.1	253.7	1286.6	1276.9	1213.7	1347.7	1354.4	1104.8	827.4

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1999	591.8	565.6	1258.0	1262.0	1074.2	1426.3	1142.3	891.4	1018.5			
N	1994	475.4	422.5	845.2	1157.3	1015.0	860.0	1388.7	1220.8	943.7	807.8	462.3	389.0
	1995	198.6	553.0	1320.6	1458.8	1396.0	1083.5	1145.2	1489.9	1021.4	683.1	679.1	535.8
	1996	485.3	983.4	1168.5	1466.6	1132.7	856.5	1178.7	1221.6	811.3	776.0	522.9	693.9
	1997	430.2	633.7	1311.2	1651.8	1271.9	1106.3	1097.9	1203.8	661.3	990.1	664.4	488.4
	1998	542.2	294.5	1100.5	1219.9	1059.0	746.5	1104.4	1198.3	1100.5	991.1	419.0	565.4
	1999	494.3	479.4	1080.4	1510.9	1106.2	1309.0	823.5	666.4	711.9			
Narcissus	1994	324.0	570.7	1614.0	1735.8	1617.1	1828.0						
	1995												
	1996												
	1997												
	1998												
	1999												
Nectarine	1994	653.4	549.4	1670.5	1909.3								
	1995												
	1996	1281.0	1018.3	1887.4	1981.0	1021.9	1633.9	2067.7	1084.1	1012.1	940.7	1040.4	895.0
	1997	775.3	1283.6	1680.3	1763.6	1207.5	1333.4	1601.6	1119.1	1426.0	1510.2	833.5	672.0
	1998	895.4	366.0	1802.3	1791.9	1434.6	1337.4	2139.4	1355.0	1864.2	1029.1	778.8	552.1
	1999	995.5	1012.2	1690.6	1702.3	1832.7	2016.5	1791.9	1914.6	1360.5			
Nettle	1994	724.3	775.9	1517.5	2242.9	1807.2	1880.6	1957.0					
	1995												
	1996	692.8	1281.0	1931.2	2384.6	1618.5	1307.0	1830.1	965.5	996.7	577.0	669.5	807.6
	1997	899.3	1107.6	1932.8	2087.3	1380.7	1318.0	1937.8	1435.1	1525.7	1228.6	744.4	808.9
	1998	696.1	245.9	1972.2	1907.1	2386.4	2063.3	1857.5	1952.3	1576.7	1002.1	994.8	671.9
	1999	747.5	820.6	1888.3	2070.3	1674.9	1418.9	1823.4	1866.4	1586.1			
	Mean	752.0	846.2	1848.4	2138.4	1773.5	1597.6	1881.2	1554.8	1421.3	925.3	847.6	741.5
	STDEV	85.3	394.8	187.3	181.9	375.8	350.5	62.2	453.4	284.3	270.9	165.3	77.1
	Coef. Var.	0.11	0.47	0.10	0.09	0.21	0.22	0.03	0.29	0.20	0.29	0.20	0.10
Ninth St.	1994	81.7	164.2	260.9	331.7	156.2	113.0	99.6	253.3	21.6	227.5	205.3	44.3
	1995		114.8	236.4	355.5	247.7	325.7	250.1	225.5	111.1	146.1	124.1	104.6

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1995		114.8	236.4	355.5	247.7	325.7	250.1	225.5	111.1	146.1	124.1	104.6
	1996	64.0	107.8	210.1	293.9	217.1	221.5	259.2	331.5	161.6	63.1	223.8	57.3
	1997	140.5	83.3	224.7	249.9	211.8	216.2	225.0	193.0	102.4	187.4	106.8	62.8
	1998	117.2	42.6	184.1	317.6	285.1	188.0	323.3	121.0	252.9	137.0	197.0	84.7
	1999	104.6	126.3	249.9	256.9	217.0	258.2	201.2	164.9	176.0			
Nutmeg	1994	1006.3	494.6	1606.6	1980.0								
	1995	132.3								1480.4	644.7	779.3	
	1996	761.5	1132.0	1722.1	2399.9	1854.1	1595.8	1537.8	1255.8	1492.9	924.3	741.7	888.3
	1997	628.2	1271.1	1809.7	1954.4	1815.6	1085.2	1889.3	1171.0	1037.2	1290.0	785.1	339.5
	1998	893.6	273.8	1936.6	2114.0	1904.6	2232.1	2521.2	1970.6	1983.0	1197.7	829.6	438.8
	1999	926.2	1064.9	1913.3	1662.8	1829.6	1939.4	1738.3	2140.5	1934.7			
Oak	1994	709.5	524.6	958.7	1403.6	1295.5	1277.6	1269.4	1144.8	764.9	685.0	825.2	521.6
	1995	41.4	805.7	1543.6	1528.3	1195.6	1368.8	1471.4	1033.1	762.9	643.5	956.9	398.0
	1996	737.1	844.8	1368.3	1543.0	968.6	1517.1	1315.8	1623.7	927.0	544.2	922.3	422.2
	1997	557.7	901.8	1178.4	1437.6	895.2	1496.0	1715.2	1351.5	1108.8	667.5	793.6	316.2
	1998	623.8	277.9	1279.0	1210.5	1197.7	992.4	1560.5	1276.0	1221.2	496.0	638.7	692.4
	1999	811.2	708.5	1346.1	1148.7	897.8	1478.1	812.7	844.0	897.9			
Oasis	1994												
	1995							732.7	455.2	626.3	409.4	423.3	173.7
	1996	448.3	267.0	670.1	699.0	681.0	669.4	576.8	355.6	461.4	414.9	445.3	289.9
	1997	253.0	386.0	558.0	594.1	686.8	691.0	793.8	560.8	414.0	373.9	250.9	302.8
	1998	229.9	129.7	538.3	718.4	607.4	603.0	515.6	333.9	455.2	431.9	481.2	197.0
	1999	392.3	276.6	566.6	620.2	625.2	436.7	438.8	384.8	439.8			
Oat	1994												
	1995							685.6	733.8	424.3	497.7	373.8	263.9
	1996	185.4	408.9	509.7	673.1	733.3	543.8	620.2	477.7	412.4	583.1	363.0	322.1
	1997	153.1	448.9	578.1	738.7	742.1	581.1	631.9	468.0	521.9	485.2	269.5	283.3
	1998	291.8	124.9	580.8	640.5	809.0	653.9	664.5	468.3	440.7	516.5	357.0	268.5
	1999	252.8	301.2	598.6	598.0	651.5	638.5	698.0	455.5	541.2			

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Occident	1994	228.8	297.1	596.0	770.0	875.4	903.7	884.8	718.5	718.0	492.6	270.8	276.0	
	1995	39.0	260.4	751.2	611.2	781.7	882.6	806.1	660.6	636.9	435.0	400.1	239.6	
	1996	386.3	327.7	675.0	714.8	713.7	637.7	662.3	642.2	411.5	614.4	475.2	262.5	
	1997	308.2	468.7	597.6	871.8	760.3	752.8	736.3	834.8	529.9	659.4	376.3	264.7	
	1998	306.2	136.0	675.4	702.1	824.7	747.3	751.2	478.8	491.3	700.8	359.1	359.6	
	1999	373.6	332.1	576.0	680.3	695.0	682.3	514.8	483.1	617.8				
Ohmar	1994	803.9	854.2	1520.4	2091.2	1879.9	1730.4	2191.3	1410.6	1568.7	1349.2	1068.6	656.1	
	1995	125.6	783.8	1790.4	1801.0	1759.5	1739.2	1752.4	1499.7	1373.8	1397.7	1336.7	675.7	
	1996	1127.2	1368.5	2058.4	2398.0	1455.4	1516.2	1242.4	1426.0	1332.9	1362.8	1115.4	737.9	
	1997	707.6	1078.2	1440.3	1437.6	1780.4	1761.3	1940.8	1882.1	1195.6	1132.1	999.0	836.7	
	1998	684.8	186.8	1461.7	1754.0	2061.2	2122.0	1991.6	1698.7	1408.9	1445.3	781.4	925.3	
	1999	976.7	923.4	1738.8	1924.4	1550.1	1722.2	1479.3	1641.0	1267.7				
Oleander	1994	713.0	716.1	1441.7	2153.7	1417.1	1790.9	1545.7	1952.5	1382.2	1438.0	957.1	658.8	
	1995	55.8	940.7	1697.2	1847.9	1554.2	1908.4	1985.4	1926.5	1243.2	1165.7	1072.6	608.7	
	1996	851.2	918.2	1575.4	1948.6	1771.3	1602.3	1720.6	1298.6	1062.9	980.0	1270.9	748.8	
	1997	700.0	1023.3	1623.8	1862.5	1507.1	1501.6	2050.5	1466.8	1074.6	967.9	1007.7	604.0	
	1998	765.3	191.8	1672.1	1761.9	1901.5	1543.3	2069.9	1288.2	1120.9	1290.2	846.6	749.3	
	1999	807.0	933.1	1654.4	1551.5	1631.8	1828.0	2047.8	1590.8	1701.0				
Olive	1994	1035.1	647.0	1324.7	1867.8	1908.3	1927.3	2053.8	2139.6	1491.4	1247.3	1500.8	480.4	
	1995	82.9	867.2	1695.2	2042.9	2362.0	2534.8	2854.3	2220.5	1420.6	1330.2	1227.9	607.9	
	1996	1169.4	1200.6	1579.0	2173.4	1979.4	2107.3	2643.9	2071.8	1584.5	1418.2	1471.1	1146.5	
	1997	1080.3	1168.2	2194.4	2373.4	2085.3	2126.8	2030.8	1538.5	1218.3	910.3	840.9	494.3	
	1998	1614.4	564.9	1164.9	2311.0	2138.3	1633.1	1838.6	2197.7	1217.7	1869.5	847.8	1066.9	
	1999	1813.5	1455.0	1493.6	1911.3	2592.5	1735.9	1328.8	1699.9	1115.8				
Orange	1994	730.0	605.6	1818.0	1753.5	1576.4	1473.7	1919.5	1547.3	966.0	1138.0	886.2	471.4	
	1995	121.9	557.6	1638.9	1667.1	1550.2	1528.8	1771.7	1819.6	1241.8	844.9	870.6	487.3	
	1996	670.1	879.5	1207.2	1791.7	2061.1	1647.3	1648.1	1361.0	1039.6	936.6	874.4	541.9	
	1997	657.4	824.6	1353.6	1435.3	1552.6	1277.1	1492.6	1016.3	788.4	671.1	1127.7	283.3	
	1998	476.7	733.1	439.8	1483.9	2105.5	1383.6	1174.8	1892.0	1039.1	1093.7	1125.0	737.5	
	1999	429.3	977.3	1259.1	1505.7	1421.3	1288.5	833.6	1008.8	1413.2				
Orient	1994													
	1995								938.2	637.3	668.9	549.1	441.8	255.4
	1996	312.0	405.8	596.0	804.7	874.6	608.5	717.2	515.4	488.2	629.1	429.0	386.2	
	1997	277.9	402.4	640.4	724.2	843.1	798.0	633.8	626.3	444.1	510.6	536.9	219.7	
	1998	381.1	197.0	522.2	696.2	792.6	766.8	600.5	563.4	405.2	693.6	467.7	316.4	
	1999	338.6	334.0	433.6	677.5	646.5	487.2	398.9	418.7	561.1				
Orita	1994	832.8	741.9	1423.5	2061.2	1203.3	894.5	1368.6	1181.6	898.3	1118.2	805.7	461.4	
	1995	114.4	596.9	1519.6	1701.3	1409.8	1409.0	1218.9	1278.8	1197.4	729.1	922.1	424.4	
	1996	725.0	981.3	1412.8	1942.7	1249.0	1240.0	1642.9	1277.0	1471.4	622.3	898.5	542.2	
	1997	541.5	1129.9	1350.6	1527.3	1675.8	1671.5	1740.2	1556.3	1077.2	834.1	835.9	446.8	
	1998	679.7	121.1	1480.6	1761.2	1409.6	993.8	1788.1	1133.3	1515.0	1168.5	863.9	781.9	

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
	1999	698.6	841.9	1443.0	1731.5	1642.4	1707.3	1195.7	1177.1	1137.1				
Osage	1994	710.0	735.1	1523.1	1934.7	968.4	1135.8	962.2	1010.3	865.6	871.6	1106.0	354.7	
	1995	20.0	870.6	1748.3	1494.3	1071.3	1559.1	1674.5	1635.7	1002.0	1016.4	813.4	509.1	
	1996	960.9	1071.9	1761.8	2231.0	1414.3	1732.5	1660.1	1495.4	1087.9	666.7	849.5	750.3	
	1997	424.3	1019.1	1431.8	1457.0	1294.4	1470.1	2144.5	1155.5	1374.5	943.6	608.4	303.4	
	1998	676.7	298.8	1484.2	1299.4	1056.5	1127.5	1047.0	1035.2	935.6	914.4	924.9	820.3	
	1999	758.7	793.8	1528.5	1363.1	1327.0	1406.9	1099.3	943.2	1032.9				
Oxalis	1994	723.4	546.5	1505.0	1866.6	1663.7	1645.3	1783.7	1632.9	1330.3	1140.6	1327.3	204.5	
	1995	23.9	707.9	2058.4	2017.4	1414.9	2118.7	1727.1	1746.2	1285.1	1259.6	947.0	751.1	
	1996	511.0	928.5	1481.5	1719.5	1925.7	1848.5	1859.4	1669.6	1400.9	1308.4	931.2	960.6	
	1997	491.6	1116.1	1494.9	2186.7	1883.9	1592.4	1910.0	1866.7	1382.5	1254.2	1141.1	708.5	
	1998	779.2	325.7	1491.0	1656.3	2181.1	1752.5	1786.5	1965.1	999.6	1222.0	1459.8	1103.2	
	1999	721.2	1186.9	1546.7	1536.3	1953.3	2099.3	1024.8	1290.8	997.4				
Palm	1994													
	1995								1781.9	1553.8	1160.4	1448.7	861.9	952.7
	1996	855.2	891.0	1407.2	1706.8	1732.7	1333.4	1579.3	1299.7	1412.9	1317.7	1059.9	815.1	
	1997	973.6	966.7	1379.4	1790.7	1493.8	1153.0	1531.5	1098.9	999.4	1142.3	1084.3	904.3	
	1998	854.9	668.2	1363.5	1473.5	1500.2	1245.4	1481.8	1384.1	1124.8	1745.4	816.7	960.5	

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Palmetto	1994	1207.8	1027.0	2224.5	2415.1	2897.8	2853.9	2700.9	2501.9	2006.6	2112.1	1486.3	1199.0
	1995	463.9	1193.7	2360.3	2384.2	2459.8	2844.6	2750.7	2480.0	1644.1	2024.3	1546.8	1169.0
	1996	1451.5	1384.8	2375.8	2711.4	2398.4	2254.6	2423.6	2240.9	2068.8	2034.3	1742.2	1346.8
	1997	1381.8	1444.9	2246.5	2774.2	2382.2	2209.1	2510.8	1803.9	1652.0	1739.6	1549.4	1212.5
	1998	1249.2	925.5	2216.0	2386.5	2694.5	2313.2	2568.7	2198.6	1912.8	2403.2	1412.7	1445.0
	1999	1396.1	1321.9	2040.3	2260.1	2513.5	2563.5	2849.5	2051.1	1800.7			
Peach	1994	287.4	203.7	649.0	1076.6	1019.7	1154.4	1102.4	584.7	426.7	878.8	373.9	255.4
	1995	6.0	248.4	931.8	1035.9	926.3	1026.5	1063.3	763.3	743.5	444.5	366.9	238.3
	1996	327.7	555.3	821.6	1006.5	732.9	724.7	1096.5	596.1	610.6	519.7	401.0	244.0
	1997	315.9	545.7	714.6	1028.8	902.1	789.8	1121.2	774.1	630.5	559.4	473.0	192.5
	1998	339.8	102.2	619.8	813.7	890.2	787.1	1013.9	623.4	590.0	500.1	360.8	294.5
	1999	590.4	407.3	587.0	927.0	909.7	797.9	588.4	737.3	683.2			
Pepper	1994	432.6	273.0	692.9									
	1995							906.4	762.0	896.8	549.5	438.6	425.8
	1996	448.9	413.6	905.4	1150.7	936.1	1027.7	983.1	1034.4	436.7	626.6	349.5	327.2
	1997	388.6	636.8	824.6	1049.7	855.1	912.3	1223.7	815.2	593.8	753.4	492.3	414.8
	1998	459.1	84.2	844.5	902.6	1133.1	855.6	1093.1	810.4	556.6	699.9	499.3	469.1
	1999	419.6	574.3	831.0	834.4	1025.3	1010.1	834.1	400.9	761.3			
Pine	1994												
	1995							1593.8	1187.4	1199.8	1156.8	670.8	413.3
	1996	332.3	790.0	1098.4	1247.9	1582.1	1120.0	1207.4	1397.8	760.3	1385.7	550.9	572.6
	1997	361.1	707.0	1055.8	1311.7	1504.3	1288.0	1335.7	1217.0	839.4	1214.9	624.1	319.3
	1998	398.6	193.4	1058.3	1108.4	1495.8	1332.4	1222.6	1232.7	948.2	942.6	734.3	492.3
	1999	580.5	477.5	768.3	908.5	1534.7	1347.2	1033.6	831.3	1100.8			
Plum	1994	487.6	488.9	717.4	1141.4	842.2	982.6	1007.3	958.2	704.6	629.5	518.9	421.1
	1995	0.0	286.1	1144.7	1084.8	1125.8	1014.0	944.8	897.2	550.5	745.4	474.1	241.6
	1996	408.2	493.7	962.4	1099.8	1238.2	760.1	1128.6	633.2	355.1	753.3	546.0	225.9
	1997	293.0	646.5	844.6	1071.5	798.8	906.1	1106.6	810.0	499.8	547.1	301.7	564.9

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1998	295.2	302.9	959.2	1075.6	1001.7	1033.7	1194.4	586.1	673.7	637.5	464.1	363.2
	1999	416.0	604.8	702.2	801.5	1288.5	1163.3	866.4	897.1	896.9			
Pomelo	1994												
	1995							1029.1	1020.9	1016.9	565.6	393.3	259.9
	1996	446.6	524.9	919.6	968.1	985.8	708.8	906.4	819.3	598.4	861.9	522.9	402.9
	1997	343.9	685.3	866.3	1000.8	958.9	918.5	1024.3	833.0	412.7	840.4	416.5	390.8
	1998	569.0	191.7	683.3	949.7	962.4	921.1	1153.6	694.8	677.2	532.4	384.3	503.9
	1999	335.8	429.6	848.3	841.3	773.1	876.0	784.0	500.5	682.2			
Rockwood	1994	151.1	118.8	572.9	668.7	397.8	483.5	413.7	548.8	416.1	606.1	366.0	46.2
	1995	23.6	95.9	545.9	646.0	714.1	534.2	494.5	723.4	306.9	497.3	287.4	170.5
	1996	249.9	324.7	507.0	806.2	623.5	290.1	230.7	43.2	303.7	342.2	492.4	181.1
	1997	239.4	312.4	520.0	717.5	299.0	280.6	430.1	481.3	247.1	400.0	102.0	326.3
	1998	122.2	213.5	547.5	409.8	805.1	634.2	550.8	592.3	472.6	492.1	290.7	240.4
	1999	156.3	297.9	515.5	657.2	719.0	621.5	753.7	458.8	254.8			
Schali	1994	568.5	262.4	566.9	786.8	784.6	746.3	890.0	356.3	386.8	920.5	436.0	236.0
	1995	184.9	255.9	770.7	727.0	868.0	791.9	842.8	698.8	624.5	358.1	506.9	318.4
	1996	457.7	457.3	775.9	729.0	937.2	764.6	553.9	348.9	509.8	644.4	493.4	506.2
	1997	250.1	464.5	799.0	935.5	816.1	730.0	875.9	609.3	463.5	416.5	529.1	280.6
	1998	152.0	147.9	743.3	631.4	709.3	662.4	885.6	733.2	491.5	717.0	385.1	422.4
	1999	354.5	355.8	380.0	737.3	860.4	823.1	722.8	1010.6	474.0			
	Mean	328.0	324.0	672.6	757.8	829.3	753.1	795.2	626.2	491.7	611.3	470.1	352.7
	STDEV	163.0	124.9	166.2	100.6	78.3	55.4	133.7	250.8	77.6	229.1	58.7	110.0
	Coef. Var.	0.50	0.39	0.25	0.13	0.09	0.07	0.17	0.40	0.16	0.37	0.12	0.31
South Alamo	1994	11.7	213.3	186.5	363.1	208.3	378.4	267.8	313.7	122.0	285.9	118.9	91.1
	1995	31.3	77.8	248.5	280.8	321.9	308.2	291.0	185.4	174.5	143.9	210.3	50.4
	1996	88.2	142.3	292.7	324.9	295.6	281.4	351.8	254.9	162.0	88.7	204.5	110.6
	1997	110.7	224.9	236.0	281.2	326.1	337.8	181.7	208.6	153.3	235.2	204.7	84.6
	1998	111.2	106.9	207.8	289.1	317.9	208.3	258.6	190.1	180.0	222.7	111.3	114.9
	1999	86.8	150.9	167.9	170.8	383.7	198.1	181.3	171.5	193.8			
	Mean	73.3	152.7	223.2	285.0	308.9	285.4	255.4	220.7	164.3	195.3	169.9	90.3

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	STDEV	41.9	57.8	45.3	64.5	57.3	71.4	65.8	54.0	25.0	78.4	50.2	25.7
	Coef. Var.	0.57	0.38	0.20	0.23	0.19	0.25	0.26	0.24	0.15	0.40	0.30	0.28
Standard	1994	643.1	644.4	1748.3	2260.7	1524.9							
	1995												
	1996												
	1997												
	1998												
	1999												
Toland	1994		38.7	54.3	52.0	54.6	56.2	58.1		60.7		23.0	
	1995		55.8	48.0	42.2	45.0	54.4	53.8		28.2	25.6	25.6	
	1996	23.4	49.8	45.2	51.2	29.4	77.0		34.7	21.2	26.6	26.2	
	1997	22.6	26.2	21.2	48.2	51.2	58.2	60.6		27.4	26.0	24.2	
	1998		49.6	28.2	45.8	61.3	18.6	84.7	22.9		101.3		
	1999		28.8	23.6	18.2			85.0					
Township	1994												
	1995						1043.5	861.3	529.7	779.6	508.7	504.4	
	1996	462.5	539.4	1104.9	1032.3	1014.5	890.5	980.4	325.1	776.3	645.1	511.8	514.4
	1997	442.5	615.6	935.1	1022.3	1026.5	858.8	919.7	322.9	674.7	871.6	504.5	306.8
	1998	419.4	215.3	860.3	944.3	948.5	1048.9	1020.6	874.0	747.8	794.5	466.7	465.1
	1999	410.4	477.3	864.9	1013.8	1036.1	939.7	912.3	586.3	495.3			
Vail 1	1994	69.0	72.6	78.4	144.4	207.9	213.1	217.6	212.4	175.6	120.0	71.8	72.8
	1995		62.3	110.9	161.1	180.6	169.6	209.1	208.1	72.0	138.9	70.9	73.4
	1996	64.3	78.2	72.2	174.2	171.7	199.6	99.7	227.3	210.4	115.0	175.6	61.6
	1997	66.7	246.2	104.1	255.0	284.3			231.5	73.6	99.0	136.4	102.0
	1998	114.7	106.4	279.4	328.7	42.9			296.5		129.6	102.0	100.0
	1999	147.8	194.4	323.5	139.0	154.1	19.0		206.1				
Vail 2	1994	59.6	23.0	63.2	89.2	88.7	83.5	98.4	88.0	67.8	70.3	37.7	31.6
	1995	5.2	44.7	83.7	111.5	104.6	89.6	104.6	91.3	54.3	82.5	65.2	35.6
	1996	43.7	48.8	100.1	130.6	85.6	65.9	91.3	97.8	46.8	135.5	62.2	43.2

**Table C- 14: Monthly Irrigation Deliveries to Minor Drain Areas of Influence
(acre-ft)**

Drain	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	1997	45.2	60.6	95.7	111.5	106.5	76.2	123.0	91.4	32.5	85.4	56.5	38.0
	1998	54.6	19.8	83.8	108.8	127.8	86.2	125.3	85.7	80.4	103.1	53.0	47.2
	1999	43.0	53.2	89.0	101.1	93.3	81.1	114.8	87.6	94.6			
Warren	1994	1266.5	1013.3	2303.2	2852.4	2809.8	2364.1	2775.1	2002.6	2063.2	2089.5	1283.2	1142.6
	1995	424.2	1177.4	2527.8	2736.9	2650.2	2669.6	2750.6	2167.7	1616.3	1752.7	1471.7	1239.4
	1996	1379.2	1431.2	2466.7	2960.5	2032.1	2054.3	1584.5	2538.0	1542.5	2309.4	1741.3	1524.5
	1997	1030.9	1297.1	2155.5	2772.4	2974.4	3188.2	2995.9	2523.7	1384.7	1780.7	1421.6	1173.0
	1998	1277.6	638.6	2240.1	2453.1	2893.2	3144.1	3117.8	2237.0	1943.2	2078.9	1514.7	1280.4
	1999	1563.7	1205.0	2027.4	2293.2	2557.8	2563.9	2192.2	2354.5	1884.7			
Wills	1994	223.2	140.4	421.5	613.9	565.3	545.2	590.3	550.2	498.5	382.4	200.3	198.2
	1995	48.2	209.1	613.6	663.3	475.6	534.2	525.1	424.6	248.0	372.6	188.2	152.7
	1996	206.9	287.1	519.1	696.9	475.2	588.4	822.7	556.8	531.8	331.2	95.1	292.2
	1997	202.5	282.3	618.3	612.5	413.7	568.2	775.8	860.4	485.0	371.6	147.9	148.3
	1998	145.1	96.7	398.5	574.7	572.8	594.8	772.0	494.9	435.1	86.0	154.9	123.0
	1999	66.7	278.8	404.0	444.7	729.6	516.2	639.7	400.7	516.5			
Wores	1994	204.4	105.5	369.0	486.3	451.5	465.0	366.0	328.4	138.5	150.3	303.4	93.7
	1995	38.9	150.9	338.9	562.3	383.1	388.2	352.8	407.6	222.3	286.0	194.0	126.7
	1996	237.9	315.7	299.4	351.0	525.4	386.9	503.7	545.6	254.9	167.2	348.1	101.8
	1997	178.7	320.0	487.0	480.2	285.4	411.0	428.2	468.9	390.9	282.8	175.2	139.4
	1998	151.9	53.4	400.6	435.9	513.9	501.6	320.8	384.5	426.8	280.9	286.9	150.8
	1999	82.3	179.1	371.9	324.2	452.8	459.3	540.8	193.2	301.8			

Table C- 15: Total Irrigation Deliveries to Minor Drain Areas of Influence

Total Minor Drain Deliveries (acre-ft)													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1994	33993.4	32545.6	71185.8	93628.3	73536.5	70008.1	73085.8	60786.8	49072.8	48026.9	34146.5	21790.4	
1995	5434.1	32759.5	69443.6	73309.1	67814.8	70721.5	85153.7	76473.6	56943.4	54651.8	44599.9	34372.8	
1996	41124.1	51824.1	82293.2	97755.3	79972.2	76854.0	84184.1	72258.6	62082.1	56572.4	46234.2	39061.3	
1997	34417.1	53498.4	81579.3	93975.3	82140.9	77871.2	93379.8	77896.4	56745.3	54297.6	43553.6	34120.3	
1998	36658.8	19556.5	76240.5	86378.4	88278.3	81764.8	94891.3	80944.1	66361.1	61994.2	44140.9	36932.8	
1999	38594.6	44378.8	75927.7	80312.6	87343.5	84694.9	79227.4	70356.1	62958.0	0.0	0.0	0.0	